

WIRE, IRON AND BRONZE WORK

> CATALOG No. 69

THE
FRED J. MEYERS MFG. CO.
HAMILTON, OHIO



INTRODUCTION

OR over a half century we have been successfully engaged in the manufacture of Wire, Iron, Brass, and Bronze Products.

In presenting this catalog to you we hope it will be of valuable assistance, for with the illustrations, we believe it to be a complete catalog that will assist you in the sale of these goods.

As the officers and employees of this company have had many years (in many instances a life time) of experience in the manufacture of this class of work, they realize the importance of maintaining our high standard of quality; which, with the assistance of the most modern machinery, and being supported with ample capital, we are enabled to do.

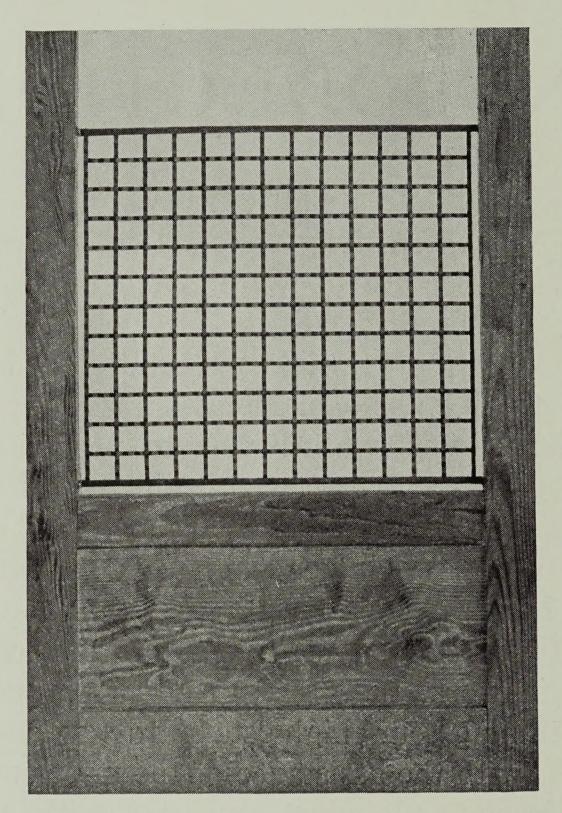
As many cases of ornamental work require special drawings, we are always willing to submit details or any special designs required.

All inquiries will receive prompt attention.

Respectfully

THE FRED J. MEYERS MFG. CO.

MEYCO GRILLES

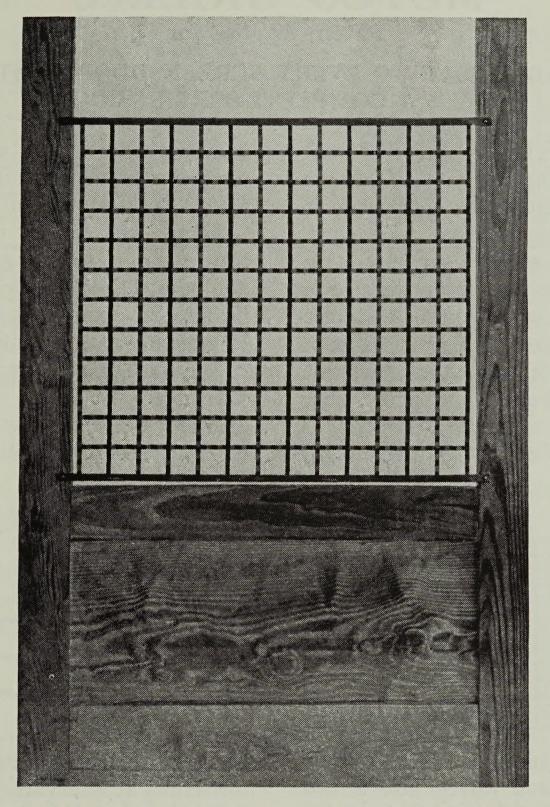


The Meyco Grille gives added smartness to the door, in addition to insuring double wear. It is the only popular priced grille made.

SCREEN DOORS get more abuse than most anything else around the house. But, it isn't the swinging open and shut many times a day, every day for months, that wears them out. It's the repeated pushing, shoving, and kicking against the wire cloth itself, that put holes through the mesh, make it bulge and stretch, and finally break loose from the frame.

CHILDREN FORGET—It happens in every home! Even where the people are more than usually careful, the children are sure to push holes through the screen that with proper care would stay new-looking and fly-tight indefinitely. But, you can save your customers from the cost of this damage to their screens—sell more screens, make a double profit.

MEYCO GRILLES



The Meyco Grille can be fastened across the face of the screen door frame, or the upper and lower bars can be bent at right angles, and fitted inside the frame, the same as shown on page 2.

Double service from every screen equipped with Meyco Grille

Equip a few of your screen doors with Meyco Grilles, set them where people will see them, show them to customers, quoting price complete with grille attached, and you'll make two sales in one, sell more screens, make an extra profit, have better satisfied customers.

Meyco Grilles sell on sight because they protect screen doors against the kicks, shoves, and bumps that so quickly stretch and tear the best screen cloth. Easily attached to screen by anyone in a few minutes.

Show a customer a Meyco-equipped screen door first, and nine times out of ten he'll pay the \$2.00 to \$2.50 more to get a screen which he can see will last at least twice as long. For only about twenty-five per cent extra cost, he'll be buying double service. He'll get a better looking screen, and make an investment that will save him money.

Low Cost Protection

Meyco Grilles afford real screen protection

at a low cost never before possible. Because of our volume of business, and unique manufacturing methods, Meyco Grilles sell at a price that makes it an economy to use them on every screen.

Furnished in three attractive finishes—black, brassine (smooth, rich finish which looks like brass), or bronze.

You have a margin of from forty to forty-five per cent on the selling price of every Meyco Grille sold. Add this to your profits on your extra screen sales, and you can understand why dealers everywhere find it pays to handle Meyco Grilles.

Introductory Assortment

So that you may satisfy yourself that there are real profits in the Meyco Line, we are offering a special introductory assortment. This assortment consists of a half dozen black finish grilles, and a quarter dozen each of the brassine and bronze finish grilles.

MEYCO GRILLES

Patent Applied for

A DOUBLE SALE TO EVERY SCREEN DOOR CUSTOMER SELL A COMPLETE SCREEN DOOR

Dealers in screen doors have greatly increased their profits by adopting a policy of always displaying and pricing the screen doors in their stores with Meyco Grilles attached. Formerly sales were made of the screen door only. By attaching Meyco Grilles the complete sale is made in many cases without the customer even considering the purchase any other way. This means two sales in one, a double profit without extra effort, more sales and better satisfied customers.

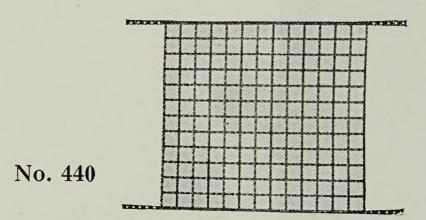
Having the screen doors equipped with

Meyco Grilles makes a good display without requiring extra space and will sell many Grilles for old doors already in use.

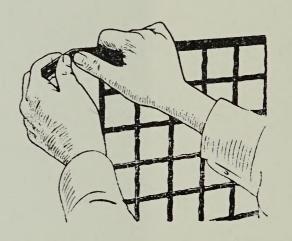
Meyco Grilles sell on sight because they protect screen doors against the kicks, shoves, and bumps that so quickly stretch and tear the best screen cloth. Easily attached to screen by anyone in a few minutes.

Meyco Grilles afford real protection at a low price.

Also used as window guards and to prevent children from falling out of the window.



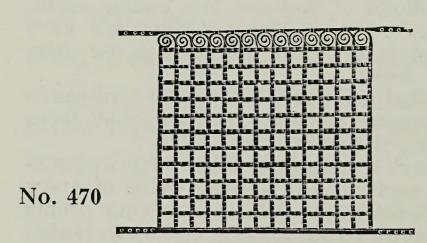
These Grilles are made of flat Grille wire $\frac{5}{16}$ inch wide crimped and woven into a two inch mesh. The mesh work is 26 inches wide by 24 inches high. The top and bottom bars are made of iron and extend 5 inches on each side of the grilles making a total width of



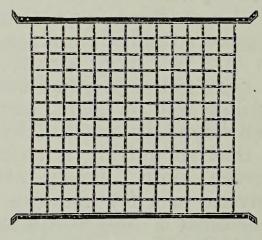
Simple method of bending for fastening between frame.

36 inches. These extensions are perforated for screws at intervals of one inch.

No. 441	painted gloss black, per doz	\$30.00
No. 442	Brassine looks like brass	36.00
No. 443	finished in bronze	42 00



For a more ornamental Grille reasonable in price we recommend our No. 470 pattern which is made similar to the No. 440 but with a scroll border at top giving them added smartness and style and making them more artistic.



Top and bottom bars bent at right angles to fit into frame.

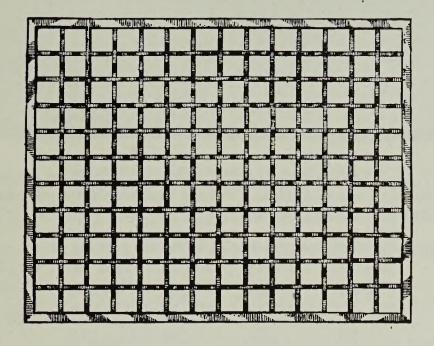
No. 470 Pattern

No. 471	painted	gloss	black,	per	doz	\$48.00
No. 472	Brassine	2				54.00
No. 473	Japanes	e Broi	nze			60.00

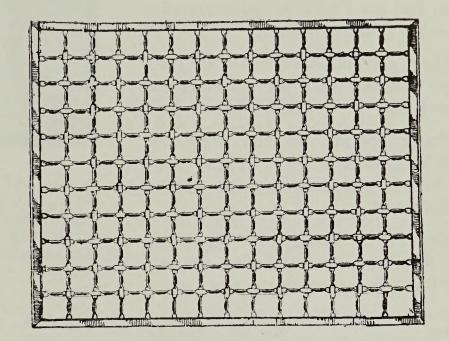
Meyco Grilles will fit any door. They can be fastened between the frame, on the face or beneath the moulding. (For Grilles in sheets see pages 8 and 9.)

MEYCO GRILLES

No. 500



No. 510



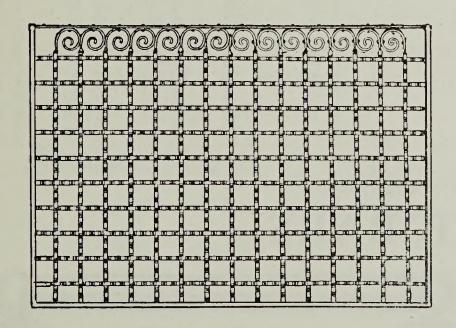
Made of flat crimped wire woven in 2-inch square mesh securely clinched in channel frame.

No.	501	Black, per sq. ft	\$2.30
No.	502	Brassine finish, per sq. ft	2.40
No.	503	Bronze finish, per sq. ft	2.50
No.	504	Copper oxidized, per sq. ft	3.50
No.	505	Bronze, per sq. ft	5.00
No.	506	Brass, per sq. ft	5.00

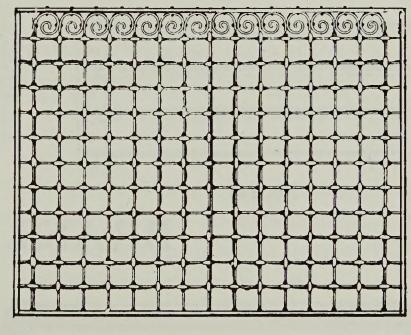
Quarter twist flat Grille wire woven in 2-inch mesh and securely clinched in channel frame.

No. 511	Black, per sq. ft	\$2.50
No. 512	Brassine finish, per sq. ft	2.60
No. 513	Bronze finish, per sq. ft	2.70
No. 514	Copper oxidized, per sq. ft	3.75
No. 515	Bronze, per sq. ft	5.00
No. 516	Brass, per sq. ft	5.00

No. 520



No. 530



Made with channel frame on bottom and two sides; scroll border at top. Mesh work made of flat crimped wire usually woven in two inch mesh. These grilles are made to screw between frame of door.

Made with channel frame on bottom and two sides; scroll border at top. Mesh work made of one-quarter twist Grille Steel, woven in two-inch or one and one-half-inch mesh. These Grilles are made to screw between frame of door.

 No. 531 Black, per sq. ft
 \$2.60

 No. 532 Brassine finish, per sq. ft
 2.70

 No. 533 Bronze finish, per sq. ft
 2.80

 No. 534 Copper oxidized, per sq. ft
 3.85

 No. 535 Bronze, per sq. ft
 5.00

 No. 536 Brass, per sq. ft
 5.00

Grilles containing less than five square feet must be billed as five square feet.

BRASS AND BRONZE PUSH PLATES

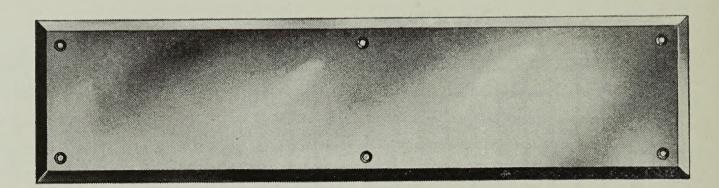
These plates are ¼-inch in thickness, and are CAST of either genuine brass or genuine bronze.

They are furnished with all four edges beveled and six countersunk screwholes.

Prices provide for the necessary oval-head wood screws. Plates may be had in any desired finish at the prices listed.

No. 91 is exactly the same as No. 90, except that the word "Push" or "Pull" is etched at the top.

Sizes	No. 90	No. 91
3 x 12 in., each 3 x 15 in., each 3½ x 16 in., each 4 x 12 in., each 4 x 16 in., each 4 x 20 in., each	$\begin{array}{c} 2.50 \\ 2.65 \\ 2.50 \\ 2.70 \end{array}$	\$2.75 2.85 3.00 2.85 3.00 3.75

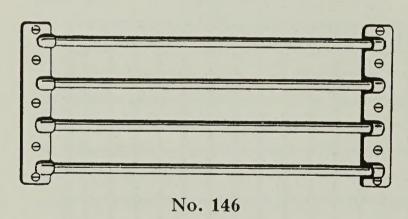


No. 147 WROUGHT PLATES—Exactly the same as No. 90 in appearance, but not as durable and substantial. Prices include beveled edges, screwholes and wood screws. Add \$2.00 each if "Push" or "Pull" is etched at the top.

Size Inches	No. 16 Gauge	No. 14 Gauge	No. 12 Gauge	No. 10 Gauge	½-in. Thick
2¾ x 10	\$0.45	\$0.55	\$0.60	\$0.70	\$0.85
3 x 10		.60	.65	.75	.90
$3\frac{1}{2} \times 10$. 70	.75	.80	.95
3 x 12		.75	.80	.90	1.10
$3\frac{1}{2} \times 12 \dots$.80	.85	1.05	1.25
$3\frac{1}{2} \times 15 \dots$. 90	.95	1.20	1.45
4 x 12		.90	.95	1.20	1.45
4 x 16		1.25	1.40	1.60	1.90
4 x 20		1.40	1.90	2.60	2.85

BRASS DOOR GUARDS

Cast brass or bronze end sockets with genuine brass or bronze bars. Any desired finish at these prices, which include necessary wood screws.

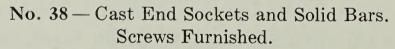


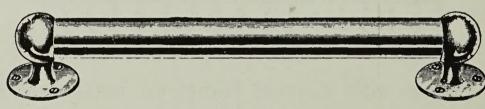
Width, Center to Center	³ ⁄ ₈ -in. Dia.	½-in. Dia.	5/8-in. Dia.	³ ⁄ ₄ -in. Dia.	1-in. Dia.
18 inches	.\$4.50	\$4.90	\$5.30	\$6.00	\$6.70
20 inches	. 4.70	5.10	5.50	6.20	6.90
22 inches		5.30	5.70	6.40	7.10
24 inches		5.50	5.90	6.60	7.30
26 inches		5.70	6.10	6.80	7.50
28 inches		5.90	6.30	7.00	7.70
30 inches		6.10	6.50	7.20	7.90
32 inches		6.30	6.70	7.40	8.10
$3\overline{4}$ inches		6.50	6.90	7.60	8.30
36 inches		6.70	7.10	7.80	8.50

For 5 Bars. Add 25% For 3 Bars. Deduct 331/3% For 2 Bars... Deduct 50%

BRASS GRAB BARS







No. 144
PRICES FOR EITHER STYLE

Width, Center to Center	½-in. Dia.	⁵ ⁄ ₈ -in. Dia.	³ ⁄ ₄ -in. Dia.	1-in. Dia.	1¼-in. Dia.	1½-in. Dia.	1¾-in. Dia.	2-in. Dia.
18 inches	. 2.05	\$2.50 2.55 2.60	\$2.85 2.90 2.95	\$3.40 3.45 3.50	\$3.55 3.60 3.70	\$3.80 3.90 4.00	\$4.25 4.35 4.50	\$5.25 5.40 5.55
24 inches	$\begin{array}{c} . & 2.15 \\ . & 2.25 \end{array}$	$\begin{array}{c} 2.65 \\ 2.75 \end{array}$	$\begin{array}{c} 3.05 \\ 3.10 \end{array}$	$\begin{array}{c} 3.60 \\ 3.70 \end{array}$	$\begin{array}{c} 3.75 \\ 3.85 \end{array}$	$\begin{array}{c} 4.15 \\ 4.25 \end{array}$	$\frac{4.60}{4.75}$	$5.75 \\ 5.90$
28 inches. 30 inches. 32 inches.	2.35	$2.80 \\ 2.85 \\ 2.90$	$egin{array}{c} 3.15 \ 3.20 \ 3.25 \end{array}$	$egin{array}{c} 3.75 \ 3.80 \ 3.85 \end{array}$	$egin{array}{c} 3.90 \ 4.00 \ 4.10 \end{array}$	$egin{array}{c} 4.35 \ 4.50 \ 4.60 \end{array}$	$4.85 \\ 5.00 \\ 5.15$	$6.15 \\ 6.35 \\ 6.50$
34 inches		3.00	3.30 3.40	$\frac{3.90}{4.00}$	$\begin{array}{c} 4.15 \\ 4.25 \end{array}$	4.70 4.85	$\begin{array}{c} 5.25 \\ 5.35 \end{array}$	6.70
38 inches			$\begin{array}{c} 3.50 \\ 3.60 \end{array}$	$\begin{array}{c} 4.10 \\ 4.20 \end{array}$	$\begin{array}{c} 4.35 \\ 4.50 \end{array}$	$\begin{array}{c} 5.00 \\ 5.20 \end{array}$	$\begin{array}{c} 5.55 \\ 5.75 \end{array}$	$7.15 \\ 7.40$

MEYCO GRILLES IN SHEETS

STOCK GRILLES are made in sheets 24 inches wide and 30 inches wide by 10 feet long for the convenience of planing mills, cabinet and counter manufacturers, screen door manufacturers and contractors.

You can now carry a stock of Grilles, just as you carry hardware, sash, doors, etc., putting you in a position to make quick delivery at a price far below that ordinarily charged for special pieces, which makes satisfied customers.

These Grilles are made without frames, and are easily cut to the sizes you want to fit into the panels. They can be moulded right into the woodwork without extra cost or labor. Made of solid copper or cold rolled steel, plated or painted in any finish.

Our new finish BRASSINE is a smooth rich finish which looks like Brass and can hardly be distinguished from brass. You cannot afford to be without a stock to take care of your orders for STORE FIXTURES, RAILINGS, PARTITION WORK, WICKETS, RADIATOR GUARDS, WINDOW GUARDS, ETC.

The price is low. Send us an order for at least six sheets. For the convenience of the hardware trade we are making these Grilles in sizes 24 inches high by 32 inches wide to fasten on the face of the screen door to protect the wire cloth, at the same time improving the appearance of the door.

This catalog illustrates not only Stock Grilles but many Grilles in standard patterns which are made to measurements. We are prepared to submit Grilles and Panels in original designs or should be pleased to quote and furnish Grilles in any design or finish which might be furnished by Architects or Contractors.

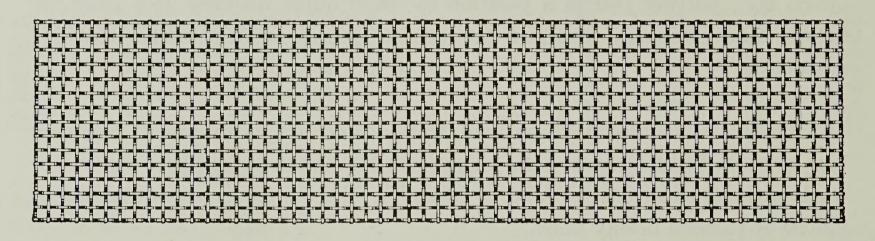
MEYCO GRILLES

Stock Grilles are made in sheets 24 inches wide and 30 inches wide by 10 feet long for the convenience of planing mills, cabinet and counter manufacturers, screen door manufacturers and contractors.

You can now carry a stock of Grilles, just as you carry hardware, sash, doors, etc., putting you in a position to make quick delivery at a price far below that ordinarily charged for special pieces, which makes satisfied customers.

These Grilles are made without frames, and are easily cut to the sizes you want to fit into the panels. They can be moulded right into the woodwork without extra cost or labor; made of steel, painted or plated, also made of solid bronze or copper. Used for all purposes—Screen Door Grilles, Store Fixtures, Railings, Wickets, Partition Work, Window Guards, etc.

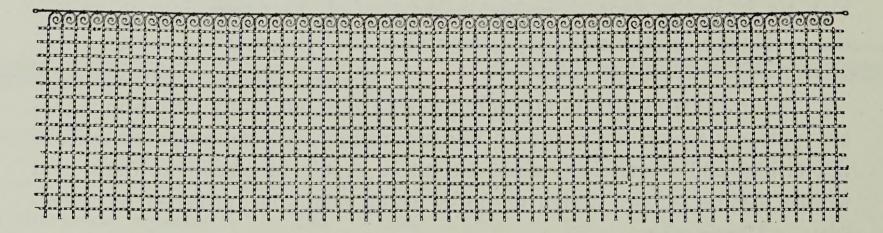
No. 400



Made of flat Grille wire 1/16 inch wide crimped and woven into a two-inch mesh.

	Black No. 401	Brassine No. 402	Finish No. 403	Oxidized No. 404	Bronze No. 405
12 sheets to crate 10 ft. x 30 in., price per crate					
12 sneets to crate 10 ft. x 24 in., price per crate					
6 sheets to crate 10 ft. x 24 in., price per crate					

No. 410



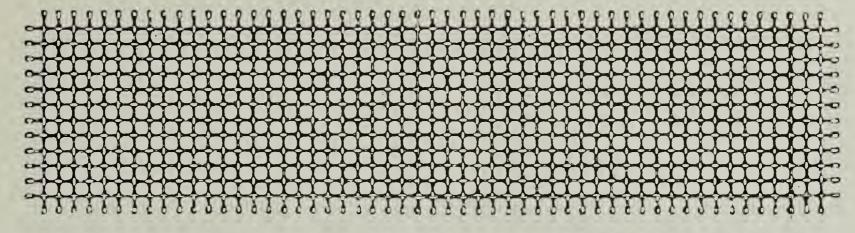
Made of flat Grille wire 5/16 inch wide crimped and woven into a two-inch mesh with scroll border at top.

	Black No. 411		Copper Oxidized No. 414	Bronze No. 415
12 sheets to crate 10 ft. x 30 in., price per crate		 		
12 sneets to crate 10 ft. x 24 in., price per crate		 		
6 sheets to crate 10 ft. x 24 in., price per crate				
should be cruce of the All this, price per cruce		 		

Order in full crates. A crating charge will be made for less quantities.

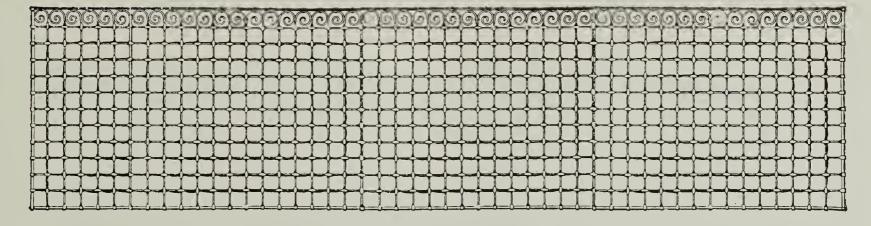
MEYCO GRILLES

No. 420



Made of quarter twist Grille steel woven into a two-inch mesh, with a flat band around outer edge made of the same material.

	Black No. 421	Brassine No. 422	Bronze Finish No. 423	Copper Oxidized No. 424	Bronze No. 425
12 sheets to crate 10 ft. x 30 in., price per crate					
6 sheets to crate 10 ft. x 30 in., price per crate.			• • • • • • •	• • • • • •	• • • • • •
12 sheets to crate 10 ft. x 24 in., price per crate.		• • • • • •			
6 sheets to crate 10 ft. x 24 in., price per crate.	• • • • • •				
12 sheets to crate 32 in. x 24 in., price per crate					
22 bileets to crate 32 iii. A 21 iii., price per crate					

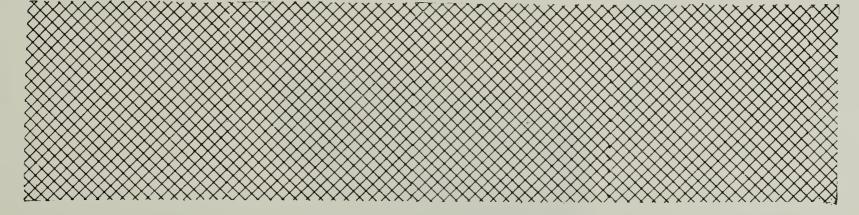


No. 430

Made of quarter twist Grille wire $\frac{5}{16}$ inch wide crimped and woven into a two-inch mesh with scroll border at top.

	Black No. 431	Brassine No. 432	Bronze Finish No. 433	Copper Oxidized No. 434	Bronze No. 435
12 sheets to crate 10 ft. x 30 in., price per crate					
6 sheets to crate 10 ft. x 30 in., price per crate					
12 sheets to crate 10 ft. x 24 in., price per crate					
6 sheets to crate 10 ft. x 24 in., price per crate					
12 sheets to crate 32 in. x 24 in., price per crate					

No. 600

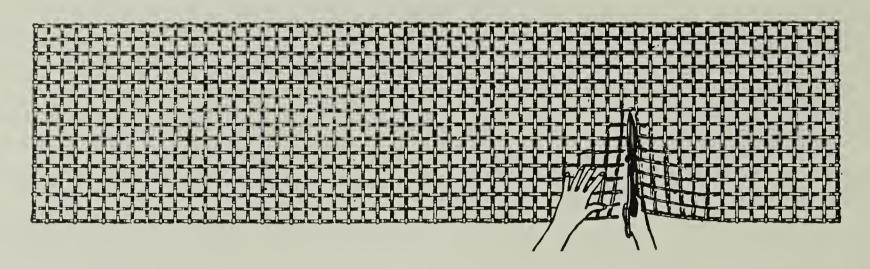


Made of round wire crimped and woven into a 1-inch diamond mesh.

	Black No. 601	Brassine No. 602	Wire No. 607	Copper No. 605
12 sheets to crate 10 ft. x 30 in., price per crate				
6 sheets to crate 10 ft. x 30 in., price per crate				
12 sheets to crate 10 ft. x 24 in., price per crate				
6 sheets to crate 10 ft, x 24 in., price per crate				

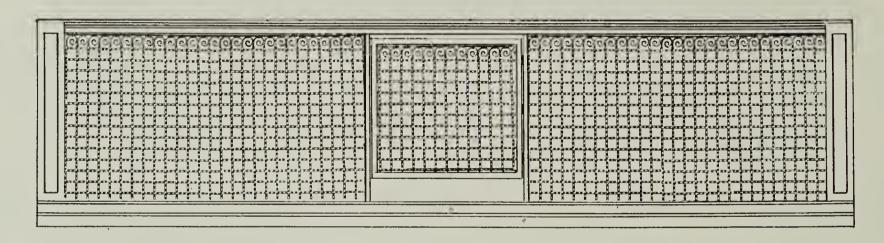
These guards are also made in 50 foot rolls 24, 30 or 36 inches high. Order in full crates. A crating charge will be made for less quantities.

MEYCO GRILLES



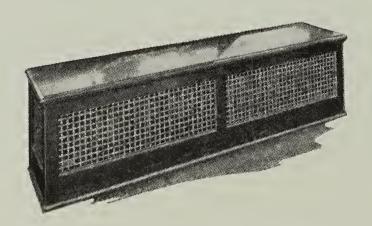
CUTTING WITH A PAIR OF SHEARS

The above illustration shows how simple it is to cut standard sheets to the required size. After cutting insert the Grille beneath the moulding of the wood work, and fasten. This gives very near the same appearance that the more expensive channel frame Grilles give.



RAILING MADE WITH MEYCO GRILLE

Handsome office fixtures can be made with the use of simple mill work and Meyco Grilles at a very low price; you should have these Grilles in stock to meet the demand.



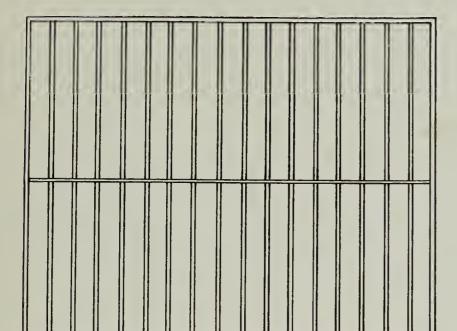
RADIATOR GUARDS

An attractive piece of furniture takes the place of an unsightly radiator. A combination of inexpensive mill work and Meyco Grilles.

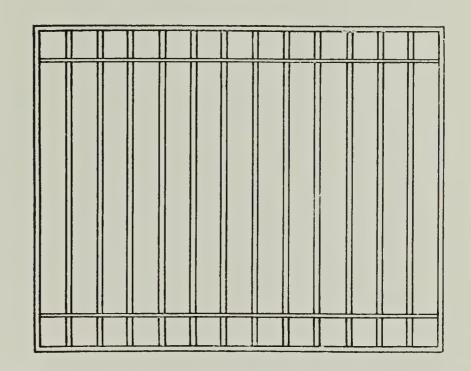
These are only a couple of uses to which Meyco Grilles are put. You will find many other uses for these Grilles.

GRILLES OR PANELS

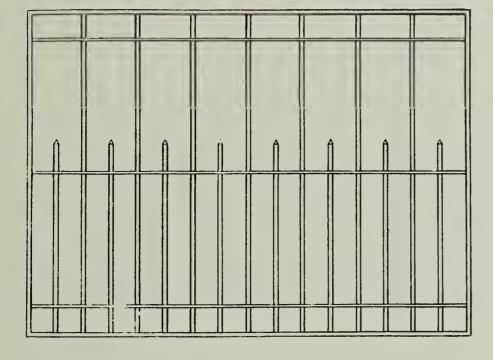
No. 221



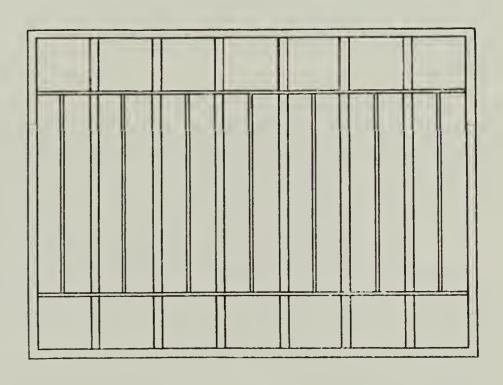
No. 222



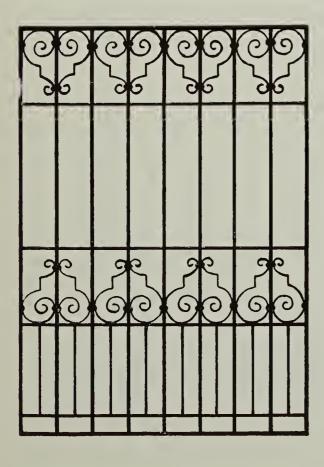
No. 224



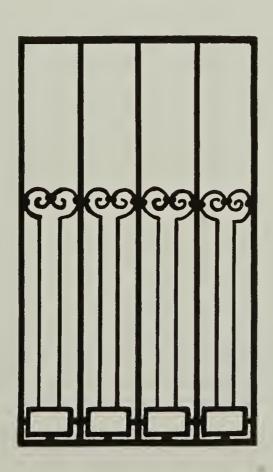
No. 225



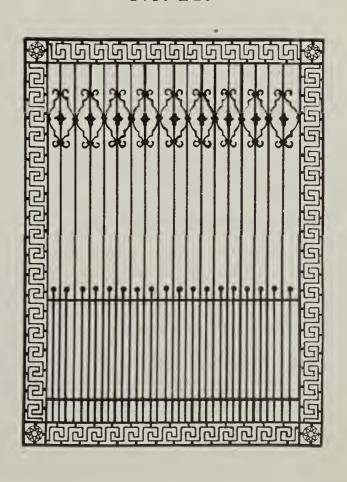
No. 235



No. 239

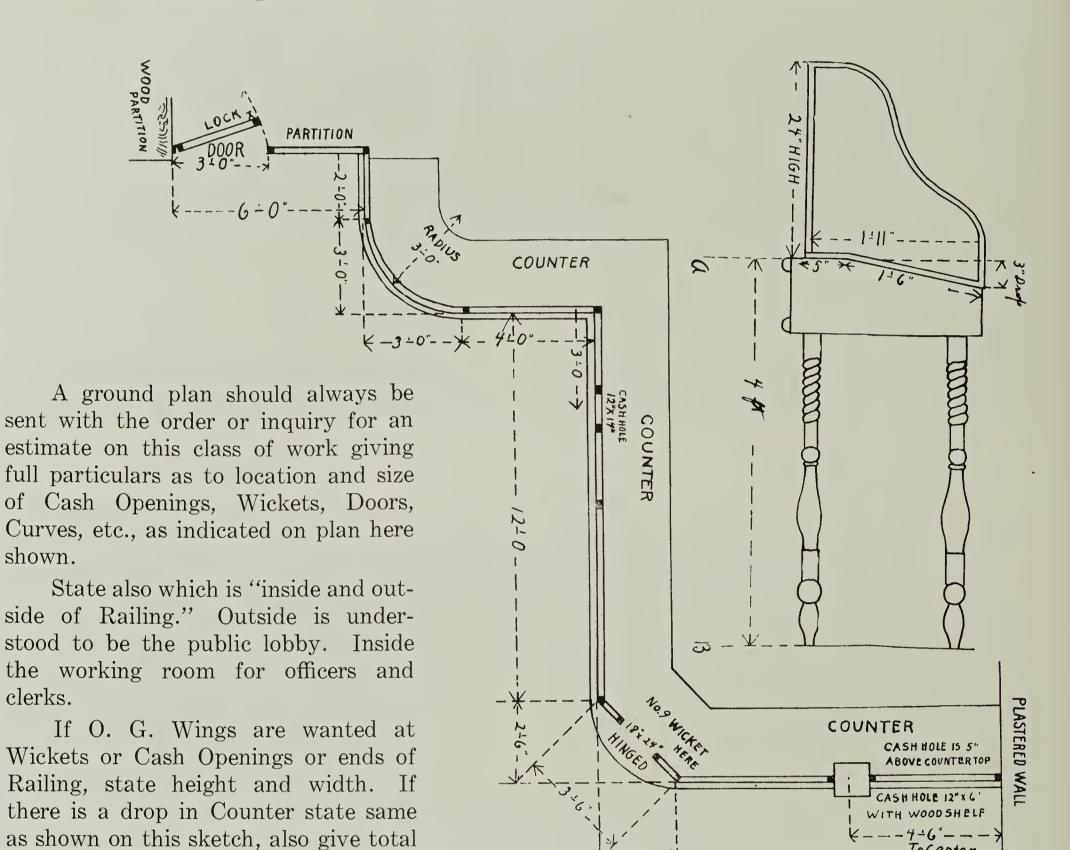


No. 240



Other designs furnished on request.

Ground Plan, Showing How to Measure and Order Counter Railings and Partitions, Etc.



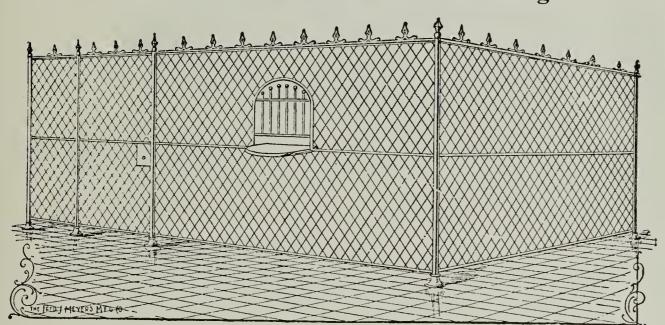
How to Order and Measure Wire Partitions and Railings

height of Counter.

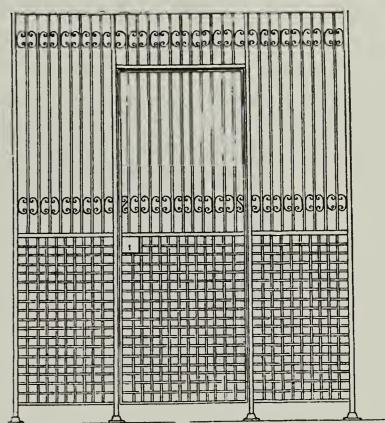
We particularly request parties who favor us with orders for Railings to use great care to make their measurements perfectly accurate, as this work can not be altered after it is once completed. If there are any curves, give the exact radius, also the beginning and ends of the points of the curve; or, what is better, send a sheet containing full size diagram of the curved portions. If there are to be Cash Holes, give the exact location, both in relation to end of rail and distance above desk, also size of same. If gates are desired, please state exact location and size; whether single or double and which way to swing. State whether any portions of the rail are to stand independent; or, if possible to fasten the end to wall or partition, please state whether brick, lath and plaster, or wood. A sketch of the ground plan of the Rail should always be sent with the order, showing all the distances between points; and, if necessary, this should be accompanied by an elevation plan of the same. Please state the number of the pattern wanted, and color to be finished, whether any of the Cash Holes are to be supplied with Closing Doors; and if any Locks, Returns or Glass Shelves are wanted, please state number, shape or size, as may be required. Please have the description as full and complete as possible. If the above suggestions are complied with, we guarantee satisfaction in every case.

RAILINGS

No. 74 Wire Partition or Office Railing



No. 303 Partition or Office Railing



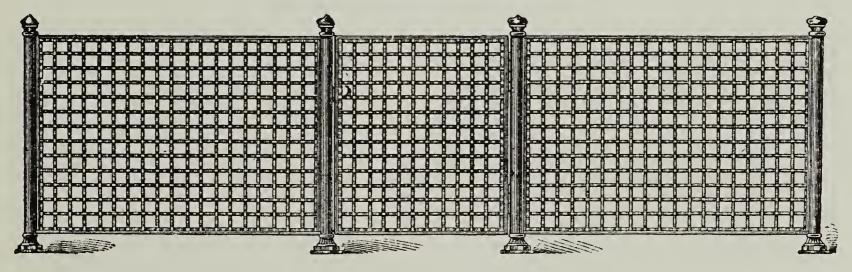
Made with or without pickets.

No. 74 N. P. made without picket top.

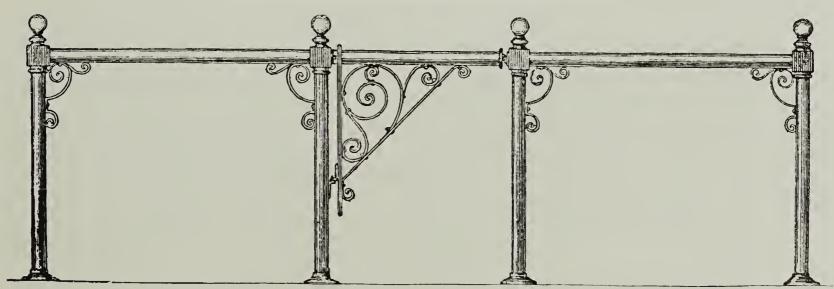
Upper portion made of square steel bars; lower portion of flat Grille Wire.

Lower portion can also be made of sheet steel.

No. 130 Office Floor Railing



No. 115 Polished Brass Office Rail



No. 302 Name Plate

No. 303 Name Plate

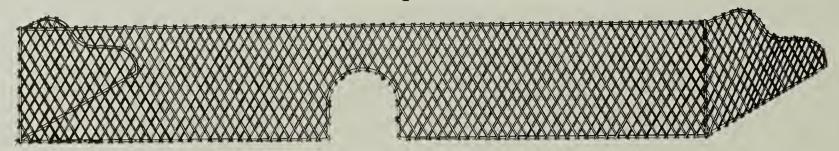
CASHIER:



The above illustrations show two different styles of name plates. Can be made with any lettering desired.

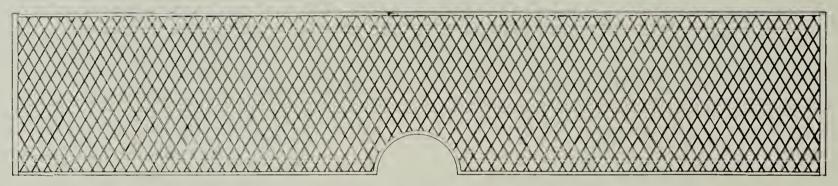
DESK OR COUNTER RAILINGS

No. 14P Crimped Wire Railing



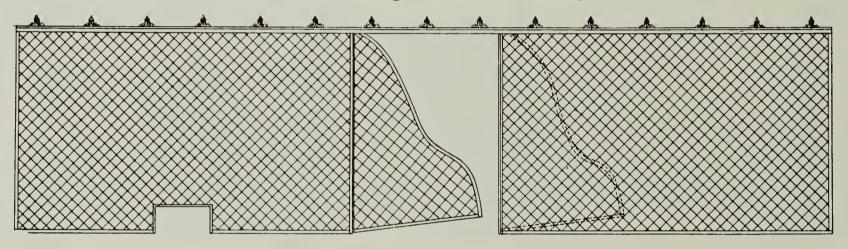
Made of crimped wire securely clinched to round iron frame and is secured to counter with screws which pass through wire eyes attached to the frame.

No. 16 Crimped Wire Railing

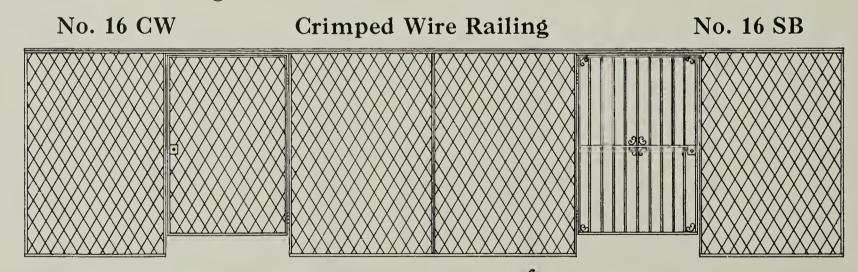


A desirable pattern, made of No. 12 wire crimped and woven into 1¼ inch mesh and securely clinched in channel iron frame. Can also be made with wicket or any number of Cash Openings.

No. 17 Crimped Wire Railing



Made same as No. 16 with Pickets on top. Can also be furnished with any style Wicket and with or without O. G. wings.



Made same as No. 16, but with wickets. No. 16 CW shows wicket made of crimped wire. No. 16 SB shows wicket with straight bars.

Can be furnished with any style wicket or cash opening, also furnished with posts at corners and ends if desired.

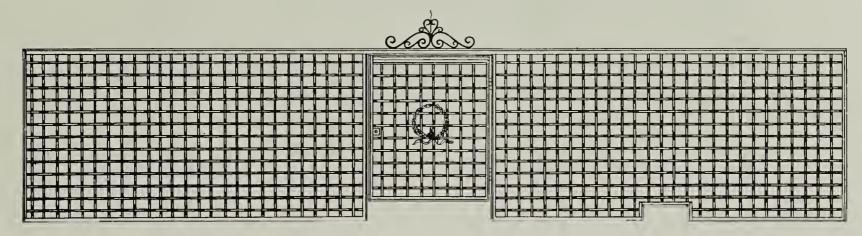
The above Railings can be painted any color. Brassine, our new finish looks like Brass.

Give full particulars as to location and size of cash openings, wickets, doors, curves, etc. Also state which is inside or outside of Railing. A ground plan is suggested.

We manufacture RAILINGS AND WICKETS of any design in all finishes.

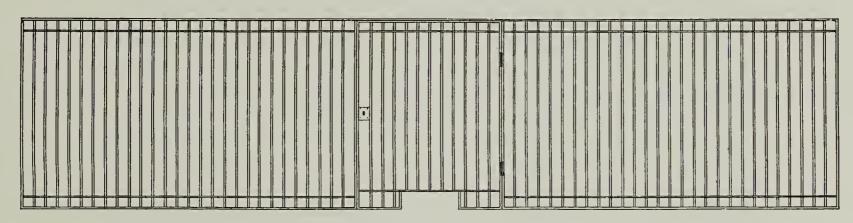
OFFICE OR BANK RAILINGS

No. 213 Flat Wire Railing



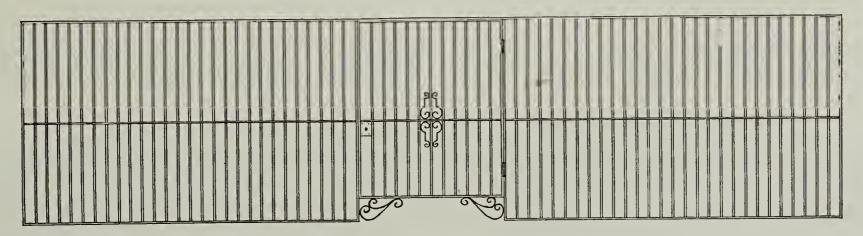
This is a neat substantial Railing, which for its price, cannot be surpassed in appearance and durability. Can be furnished with any style Wicket or Cash Opening.

No. 220



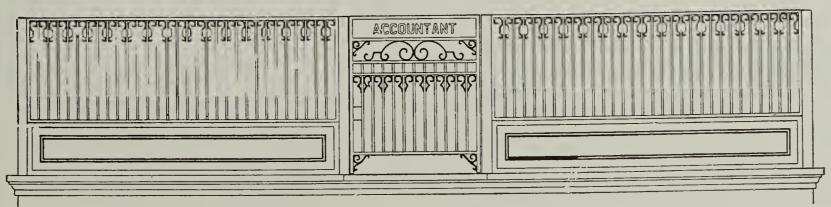
A very strong and substantial Railing made with square uprights. We recommend for Railings 30 inches or more in height our No. 221. Also made with sheet steel base like shown in illustration No. 211.

No. 221



Made similar to No. 220, but with strengthening bar through center.

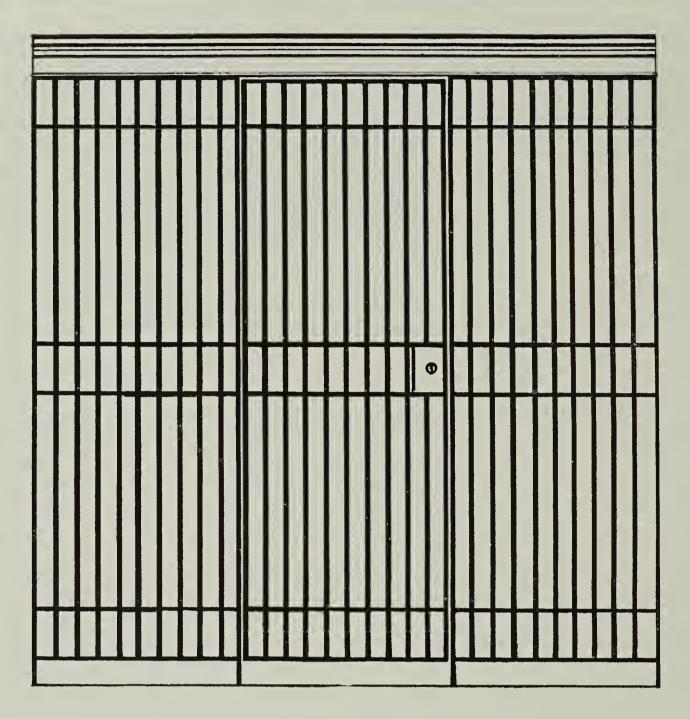
No. 211



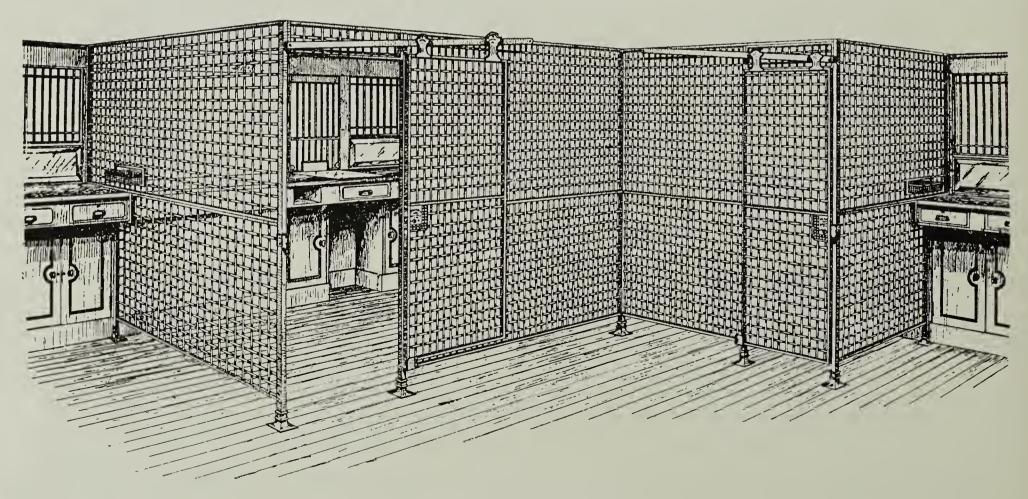
Made with square uprights and scrolls. Base made of Sheet Metal. Can also be made of glass.

SAFETY DEPOSIT GRILLE OR RAILING

No. 701

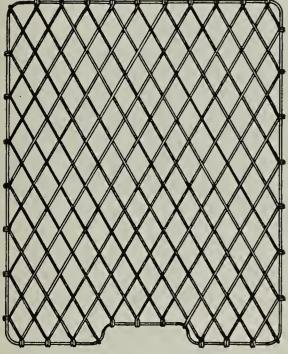


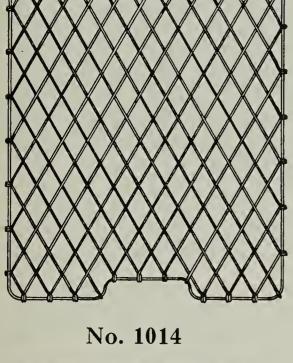
PARTITIONS FOR TELLERS' BOOTHS

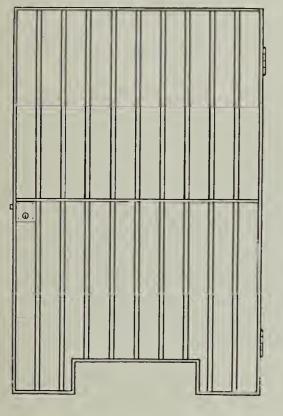


WICKETS

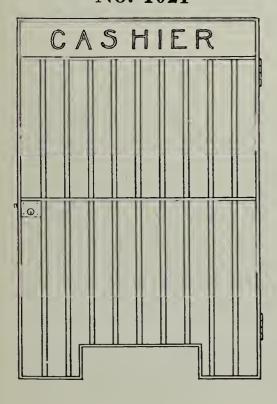
No. 1011



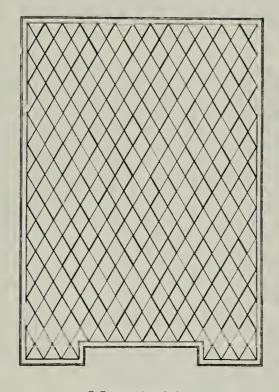




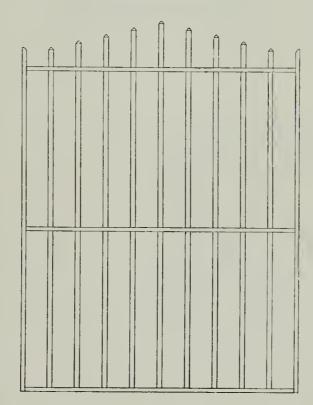
No. 1021



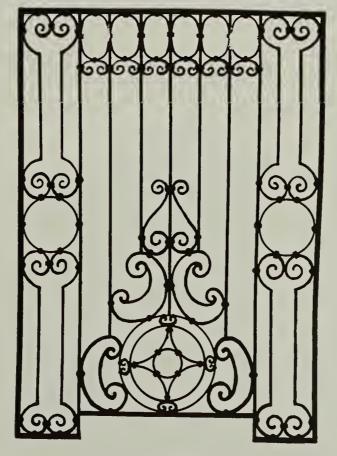
No. 1012



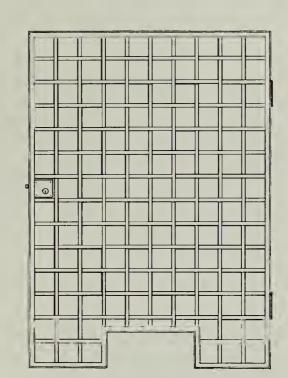
No. 1029



No. 1028

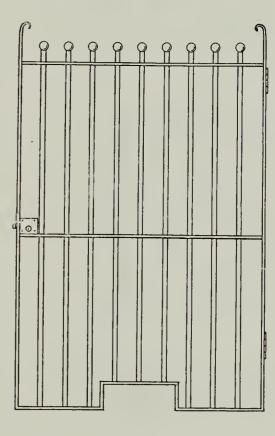


Furnished in Steel, Brass or Bronze.

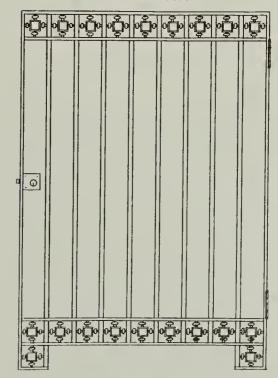


No. 1013

No. 1016



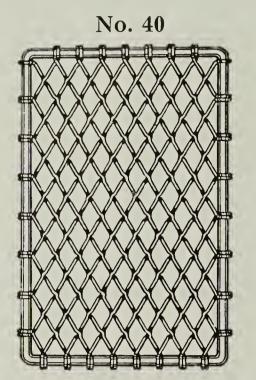
No. 1022



WIRE WINDOW GUARDS

Wire guards are a sure protection for windows against breakage of glass. They will soon save their cost. They also keep out thieves. Eight out of every ten thieves or burglars come in through the window. Wire guards do not mar the appearance of the building.

We can make Guards of any size, mesh, wire or frame that it is practicable to make.



Made in the round Iron Frame.

No. 9

Wires securely clinched in Channel Iron Frame.

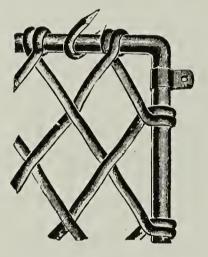
No. 18

No. $8\frac{1}{2}$

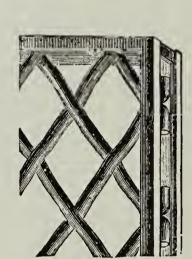
These Guards are especially adapted to store and show windows. Guards fit in sockets at corners and are easily removed.

State if padlock fastening is wanted.

No. 16

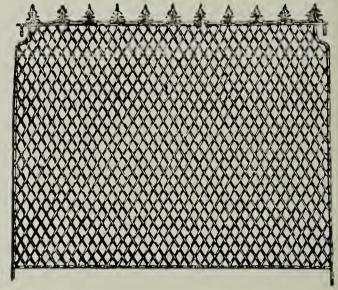


Shows construction of No. 40 Guard. In ordering state if Strap Hinges are wanted.



Shows construction of No. 9, made to screw between frames.

No. 8 Wire Store Guard



Made similar to No. 8½ but with channel bar at top surmounted with pickets.

For size of mesh see page 21.

In ordering, always give exact overall size you want Guards made, i. e. extreme outside dimensions from out to out of wires clinching around the frame. For "Diamond" Mesh Guards, please state which is the height.

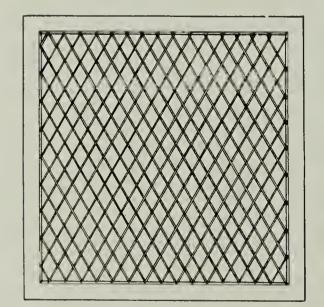
VENTILATING OR REGISTER GUARDS

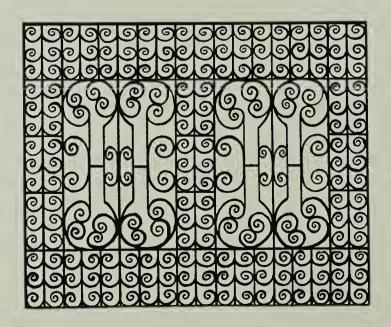
Made with Angle Iron Frame in various styles of work.

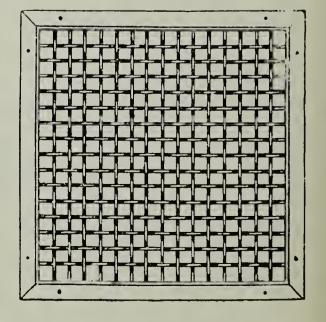
No. 108

No. 112

No. $108\frac{1}{8}$



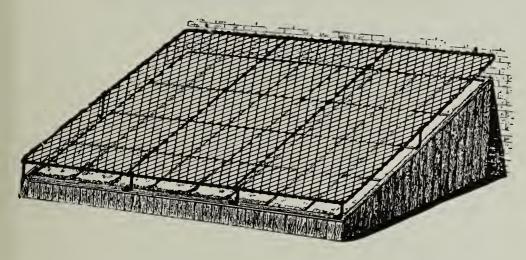


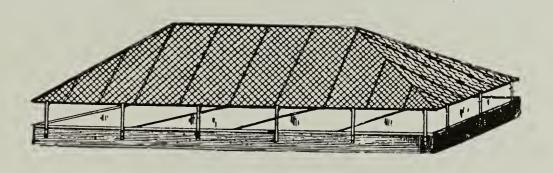


GUARDS AND SHUTTERS

No. 162 Skylight Guard

No. 161 Skylight Guard

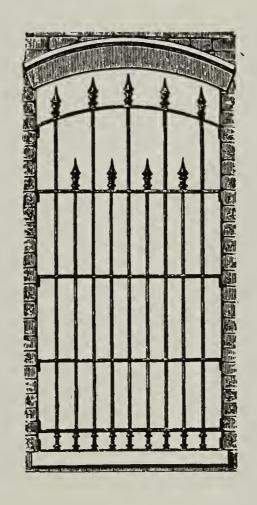




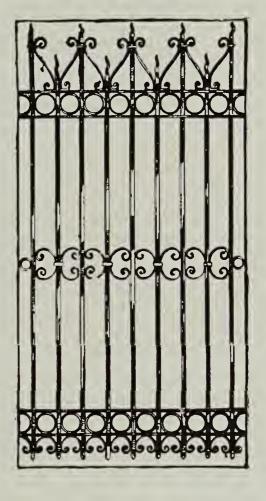
No. 164

盟四分的公台四周里写过西加对对外的西

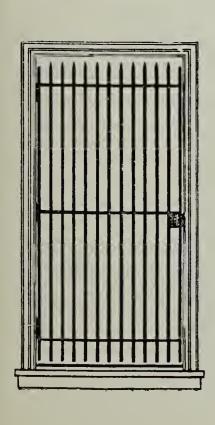
Iron Window Guards No. 165



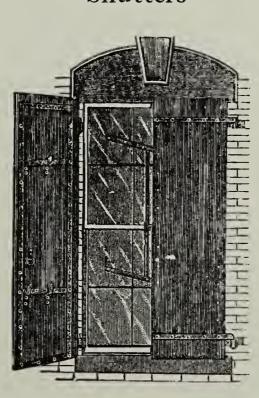
No. 166



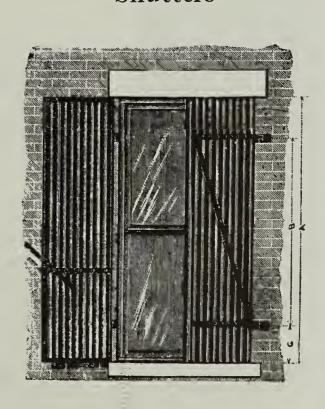
No. 170 Hinged Iron Guard



All-Wrought Steel **Shutters**



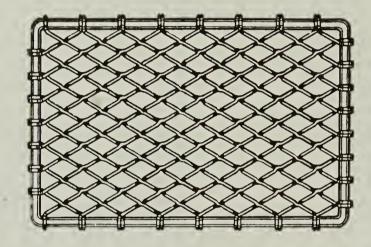
Corrugated Steel Shutters



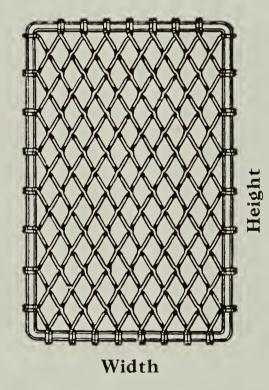
WIRE WINDOW GUARDS

How To Order Them

We give below an illustration of a Wire Guard, showing the width and height of same, which is very essential in ordering Diamond Mesh Wire Guards. If the width and height are not given when ordering, the measurements are liable to be transformed, and the height taken for the width of guard, or vice versa, and the diamonds will stand in the wrong direction will look like this:



Therefore, in ordering and to avoid errors and delay in filling orders, always mention which measurements are the widths and which are the heights, as shown on the illustration herewith:



Price List of Wire Guards

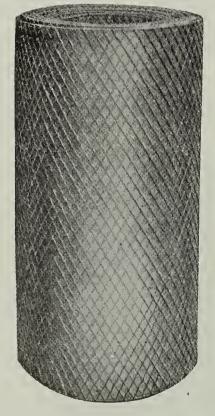
(Containing not less than 10 square feet)

Size of Mesh	Size of Wire	Round Iron Frame	Channe Iron Frame
3⁄4 in.	14	65	80
$\frac{3}{4}$ in.	13	70	86
$\frac{3}{4}$ in.	12	80	95
1 in.	13	50	70
1 in.	12	55	73
1 in.	11	60	78
1 in.	10	70	92
$1\frac{1}{4}$ in.	13	45	68
$1\frac{1}{4}$ in.	12	50	70
$1\frac{1}{4}$ in.	11	55	76
$1\frac{1}{4}$ in.	10	65	86
$1\frac{1}{2}$ in.	12	46	66
$1\frac{1}{2}$ in.	11	50	70
$1\frac{1}{2}$ in.	10	55	74
$1\frac{1}{2}$ in.	9	65	85
2 in.	10	5 3	70
2 in.	9	60	75
2 in.	8	70	88
2 in.	7	80	100

Prices on other meshes or numbers of wire quoted on application.

Window Guards are painted black if not otherwise ordered.

Special prices quoted on large quantities.



Made with or without wire frame.

Diamond Mesh Fabric

For those having facilities who desire to make their own window guards, machine guards or enclosures, we manufacture diamond mesh fabric which is put up in rolls 24" to 72" high in any of the above meshes and numbers of wire. For this work we particularly recommend

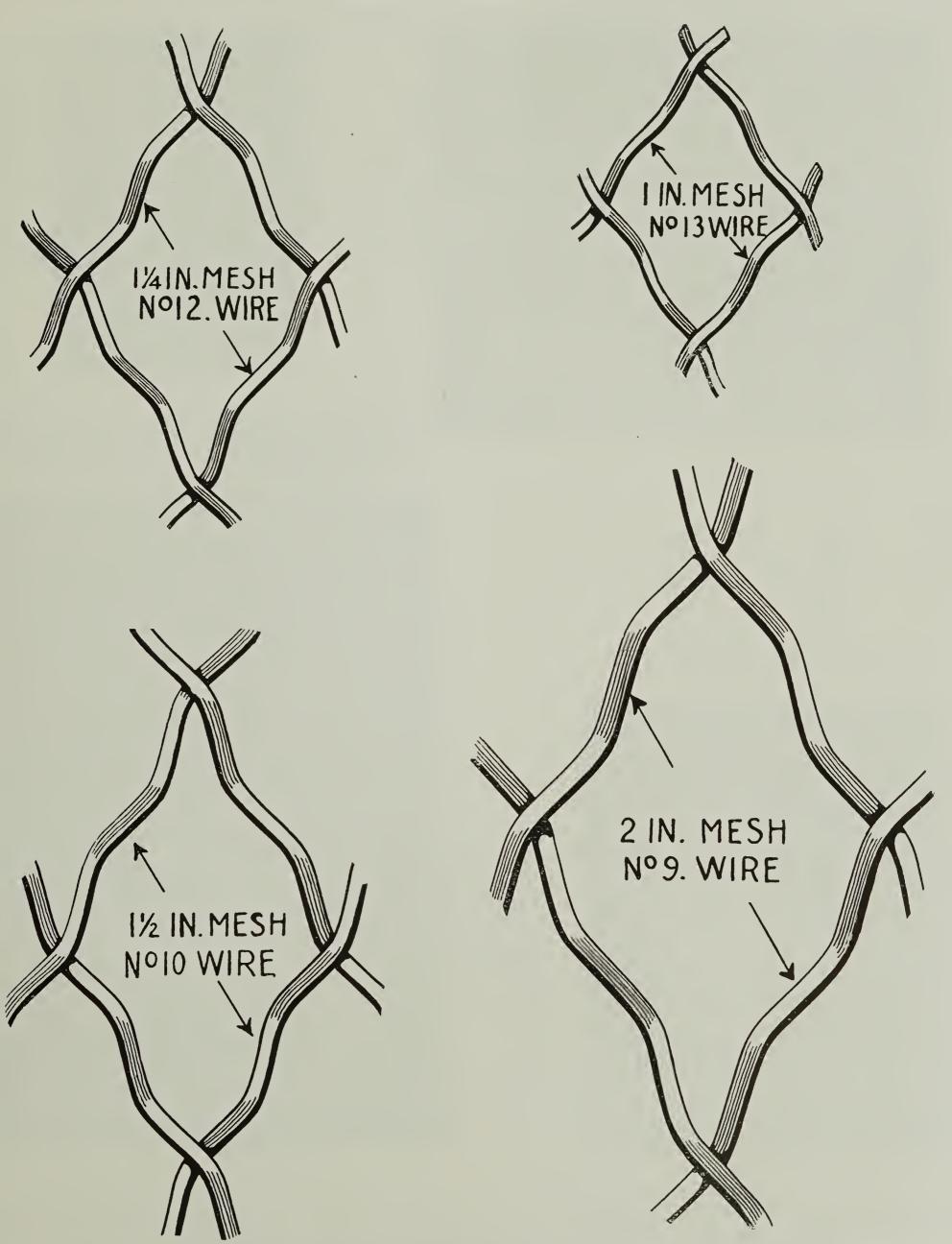
1¼-mesh No. 12 American Gauge (.105")

This fabric is to be stapled directly to the wood frame work. It can be used for a great many purposes other than window or machine guards or enclosures such as wire trainers, hog pens, fencing, etc. In asking for price or ordering, state quantity, height, size of mesh and wire; also if wanted with or without wire edge. This will avoid any possible mistake.

Unless otherwise specified mesh work is furnished without frame.

WIRE WINDOW GUARDS

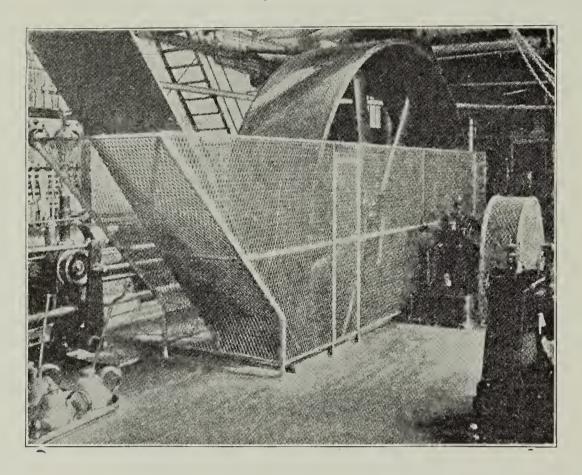
Sizes of Mesh and Wire



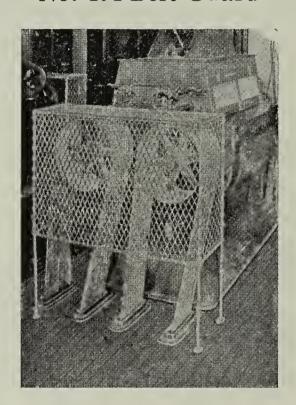
Above we illustrate four designs showing the actual size of mesh and thickness of wire of the four most popular Window Guards.

MACHINERY GUARDS

No. 422 Flywheel Guard

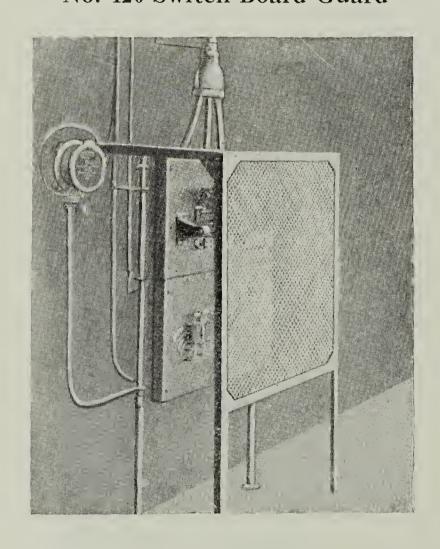


No. 404 Belt Guard

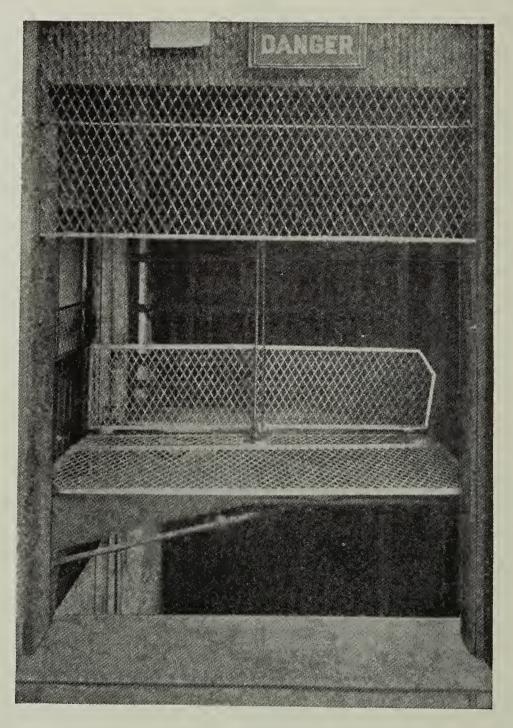


No. 410 Elevator Gate and Guard

No. 420 Switch Board Guard



Safety Guards for Belts, Pulleys, Machinery, Etc.

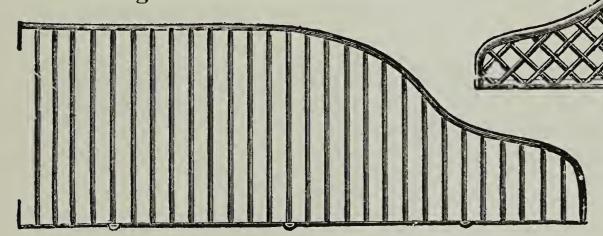


The laws of many states now require the tops of elevators to be protected, preventing articles being dropped on passengers.

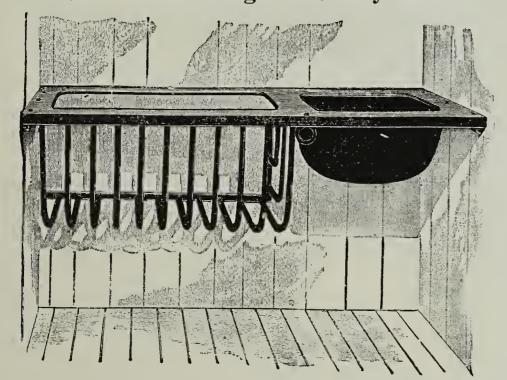
Heavy Crimped Wire Stall Partition

STABLE FITTINGS

Wrought Iron Stall Partition

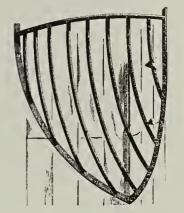


Combined Manger and Hay Rack



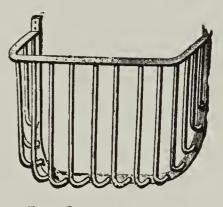
No. 111 Length, 5 ft. 6 in

Corner Hay Rack



No. 15.....

Hay Rack



No. 6.....

TRUCK GUARDS

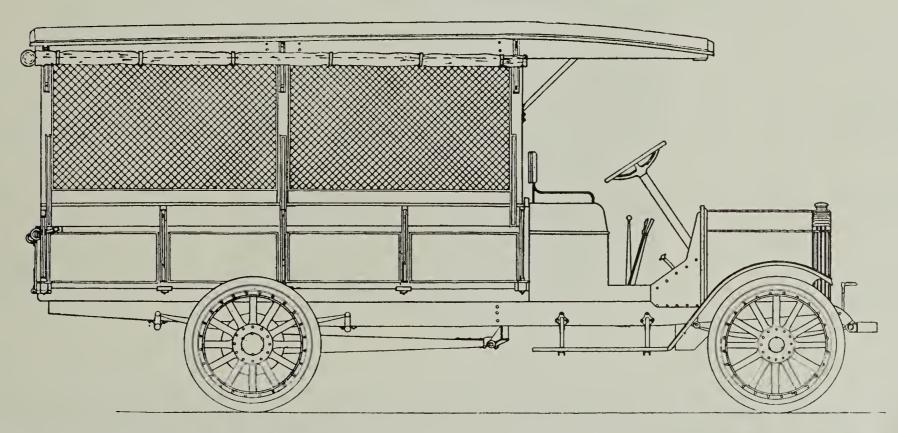
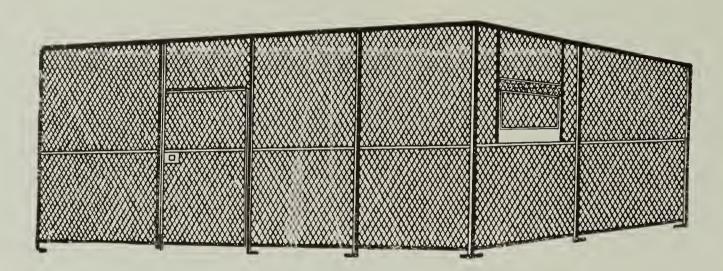


Illustration shows an Auto Delivery equipped with Wire Panels. We make guards of all kinds for auto trucks including Wire Shelves and Partitions. Tell us what you require and we will quote our best prices.

WIRE ENCLOSURES AND PARTITIONS FOR PROTECTION TO YOUR VALUABLE STOCKS AND TOOLS

No. 392

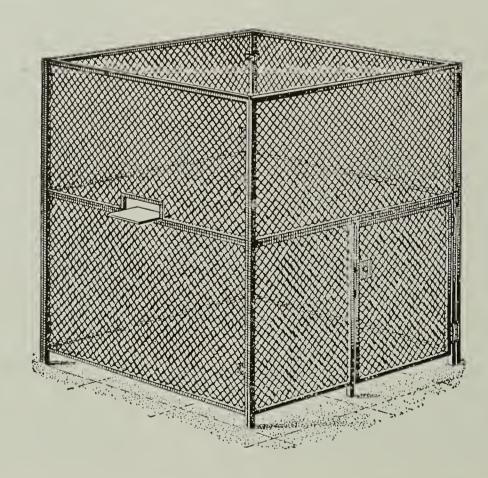


For all industrial purposes, including stockrooms, tool rooms, department enclosures, etc. The sectional construction permits quick erection by inexperienced labor.

Supplied in any height, with sliding or swinging doors (with any type of lock) or with wickets (with or without shelves). We also make wire partitions with lower halves made of sheet metal.

When making inquiries, state length and height of partition required, whether floor is of wood, concrete, etc., and give door and wicket requirements.

No. 393 Folding Pay Booth



Designed as a protection to paymasters. Can be moved from one department to another. Can also be used for factory time keepers, department foremen and others who require inclosed offices or booths. Lower portion made of sheet metal if desired, upper portion of crimped wire.

WIRE SIGNS—An "Ad" that Lasts a Lifetime

No. 200

THEFRED.J.MEYERS MFG.CO.

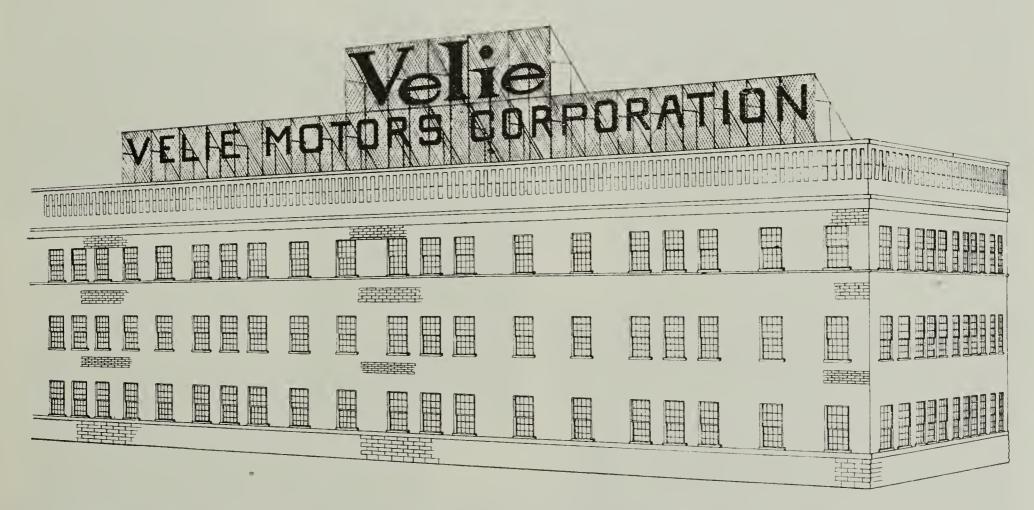
The above sign placed on one of our buildings in 1893. It is 160 feet long by 7 feet high.

No. 201

FORD DEALERS.

Design is 55 feet long by 8 feet high.

No. 202



This sign is one of the largest signs we have made being 160 feet long by 27 feet high.

Your name on your plant is as necessary as on your letterhead.

Don't keep your business a secret. Tell the world who you are and what you make.

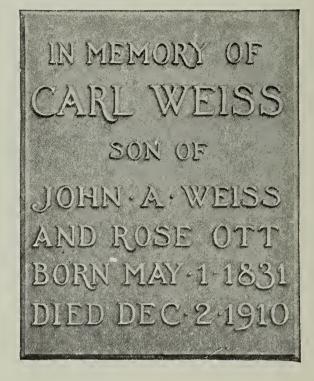
Wire signs have unequalled permanency and advertising value. They cost only a few dollars a year.

BRONZE SIGNS OR TABLETS

No. 307 Bronze Tablet

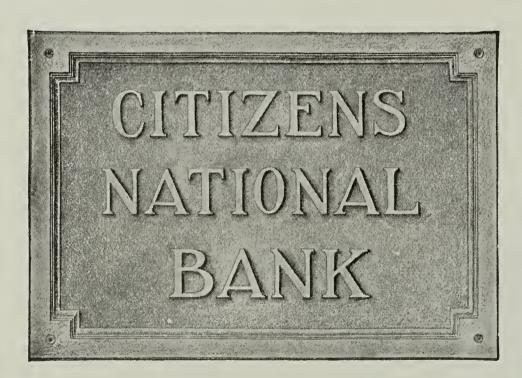
No. 233





No. 306 Bronze Sign

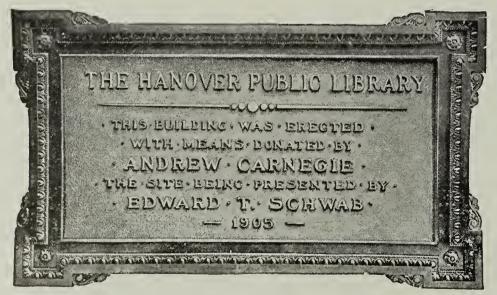
No. 200



No. 218



No. 276

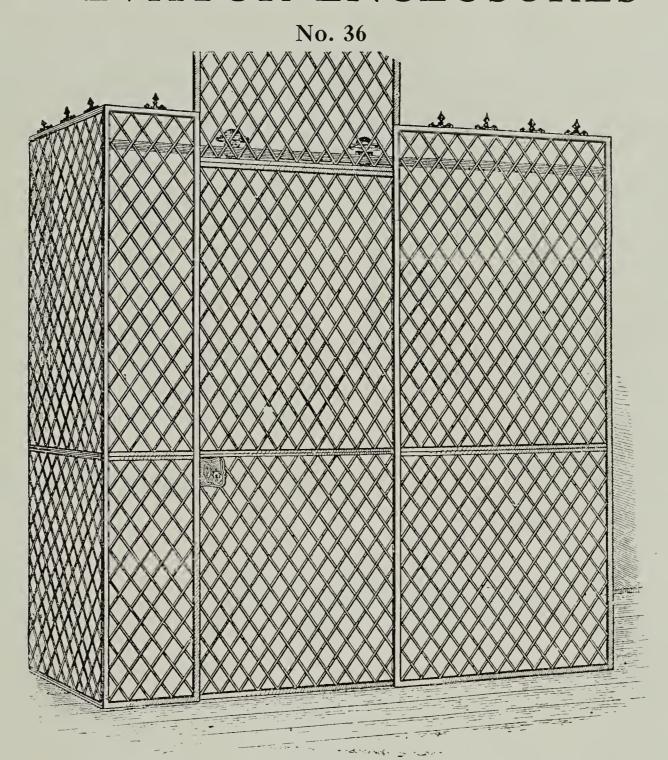


No. 308 Bronze or Brass Name

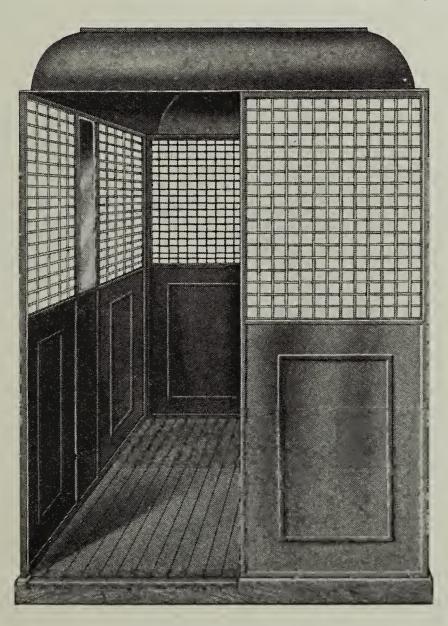


Brighten up your building with a bronze name plate. Letters furnished to be fastened to any building.

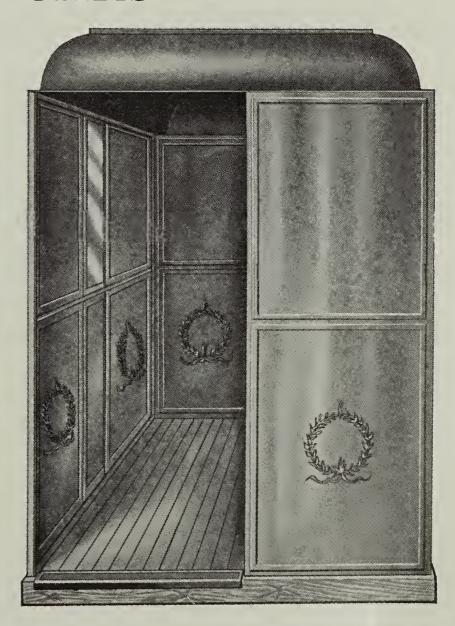
ELEVATOR ENCLOSURES



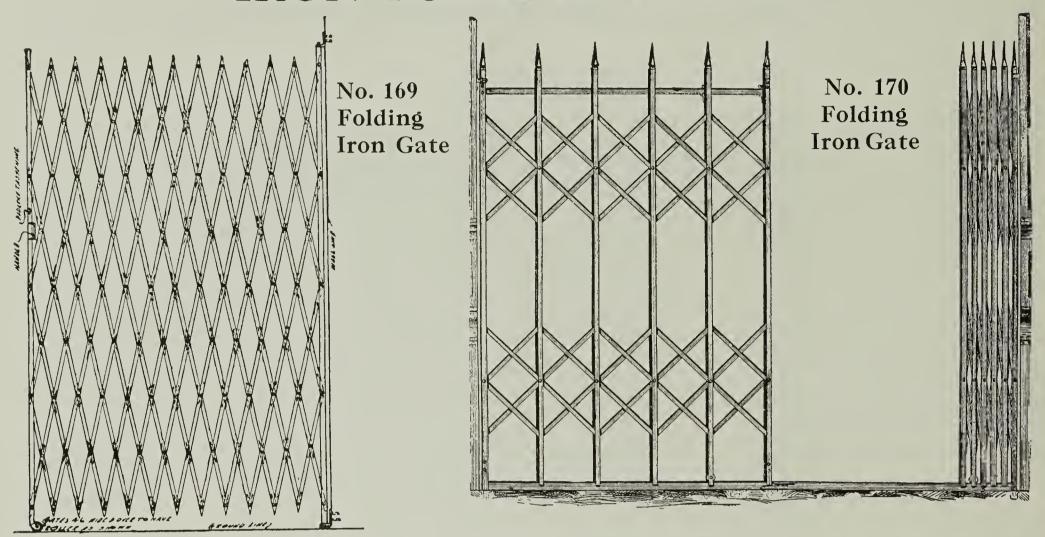
No. 202 ELEVATOR CARS No. 204

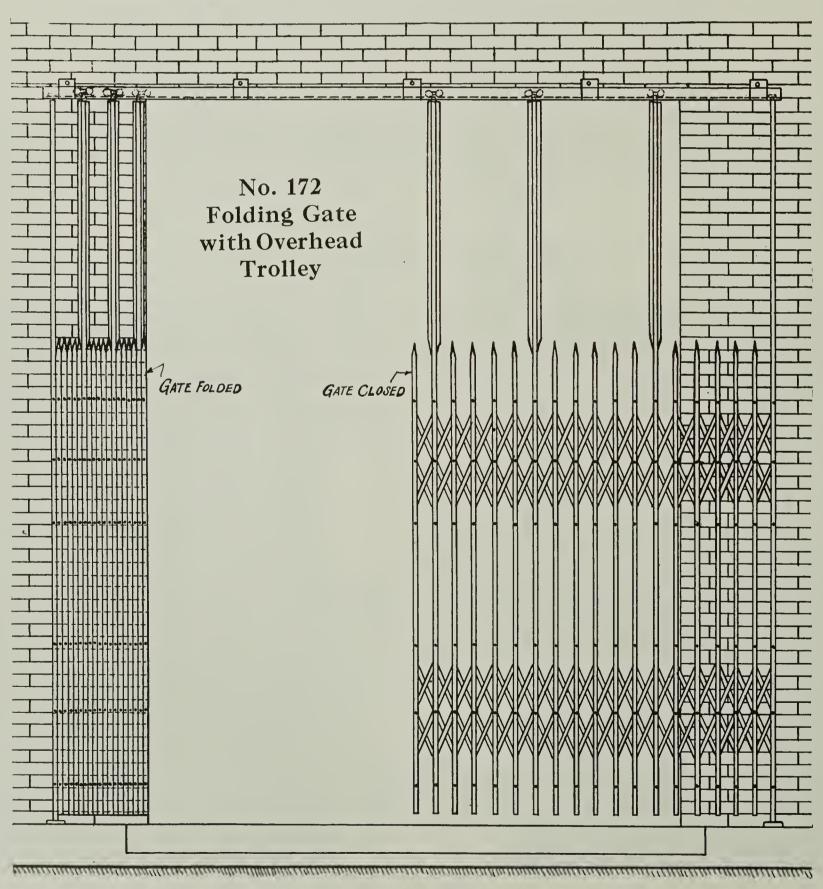


Send for special booklet.



IRON FOLDING GATES





DIRECTIONS FOR MEASURING FENCE FOR STONE COPING

When making a diagram, always stand on sidewalk and face the house or lot to be fenced from the outside, and mark north, south, east and west on diagram.

Give lengths of stone from end of coping to end of coping at gate, then width of the gate between coping, then give the length from end of coping at gate to end of coping.

Measure and give drop on both sides of gateway, and state if there is stone or earth at bottom of drop.

If there is not room for the gate to swing inside, mention it, as our walk gates open both in and out and are self closing. We can make them to swing but one way, either in or out.

Always make a diagram of coping, and give the shape and size, both width and height.

If there is no drop in coping at gate, measure from end of coping to center of gate, and mention no drop in gate.

If coping extends around the corner, measure to outside of coping, and by giving size of coping we can make our own calulations where the posts set.

If coping is on a grade, state how much and mark high and low corners where grade begins and ends. If coping is level mention coping is level.

If coping at gateway is curved or recessed, bend a heavy wire to fit center of coping exactly, cut the wire off even with the end of coping and even with the point measured from on stone, lay this wire on paper and mark around it and across ends with a lead pencil; mark which is the end of coping and send the paper to us with order. Always make a mark on diagram to indicate the side gate hinges to. Gates hinged on right-hand posts are most convenient.

If gates are to be hinged on stone posts, send us drawing of post, with height and size of post, so we will know how to hinge same. Also give us correct measure between posts.

DIRECTIONS FOR MEASURING FENCE THAT SETS IN GROUND

When making diagram, always stand on sidewalk and face the house or lot to be fenced from outside, and mark north, south, east and west on diagram.

Give lengths from outside of post on end to center gate, then from center of gate to outside of end post. If fence extends around the corner give lengths from center of gates to center of corner post, then from center of corner post to center of gate or to outside of end post, as the case may be.

If fence is on a grade, state how much and where grade begins and ends. If level, mention it being level. If fence is wanted curved or recessed at gateway, give radius of recess.

Always make a mark on diagram to indicate the side gate hinges to. Gates hinged on right-hand posts are most convenient.

Below we show how diagrams are to be made, and if directions here given are followed, mistakes will be avoided.

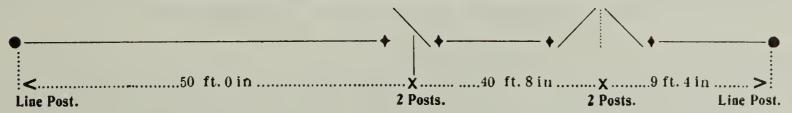
If recess is not wanted, draw a straight line, but in every case measure to center of gate, and make diagram on back of order blank; don't send diagram on a slip, as it is liable to be lost.

Always measure from outside to outside of end posts, and to center of gates.

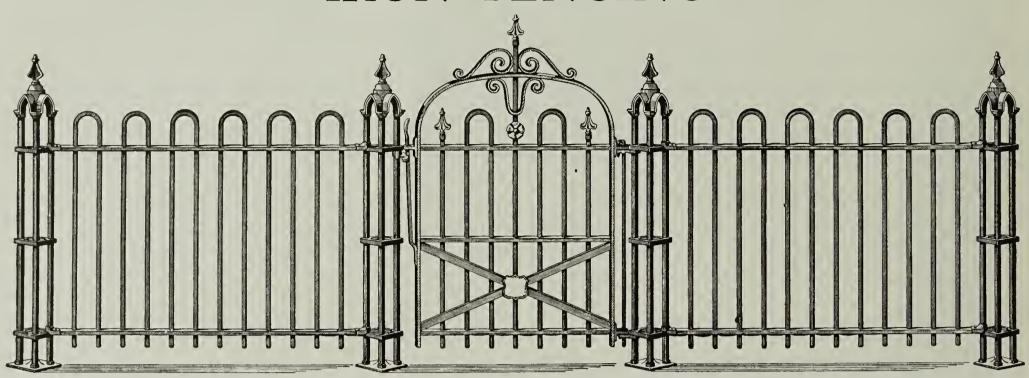
Example for Figuring and Measuring Fence

100 Feet Fence, 92 cents\$	92.00
1 No. 1 Walk Gate	6.50
1 No. 10 Drive Gate	19.00
4 No. 2 Posts, at \$8.30 each	33.20
List : Price	150.70

DIAGRAM OF FENCE FIGURED.



IRON FENCING



Post No. 2

Post No. 2 Post No. 2 Gate No. 2-A

Post No. 2

Round Pickets

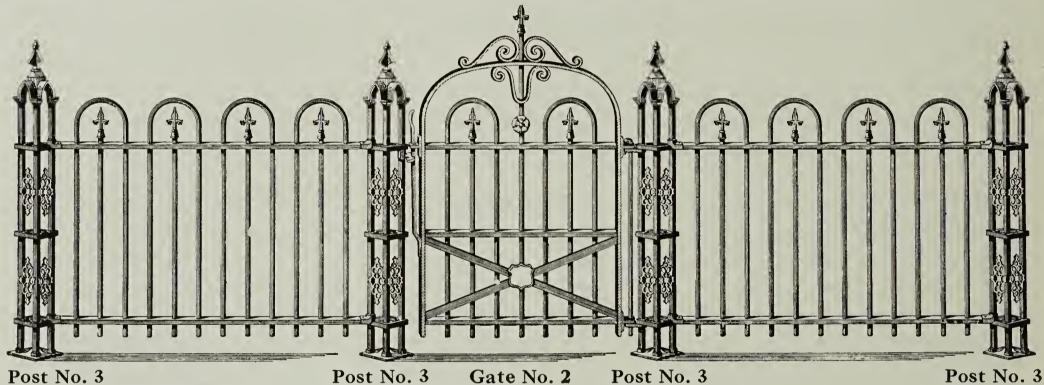
No. 224— $\frac{3}{8}$ -in., spaced 4 in. on centers. No. 226— $\frac{1}{2}$ -in., spaced 4 in. on centers.

Round Pickets

No. A—3/8-in., spaced 4 in. on centers.

Channel Rail

 $1\frac{1}{4}x\frac{1}{2}$ -in. Height from ground, when set, 37, 42, 48 in. $1\frac{1}{4}x\frac{1}{2}$ -in. Height from ground, when set, 37, 42, 48 in.

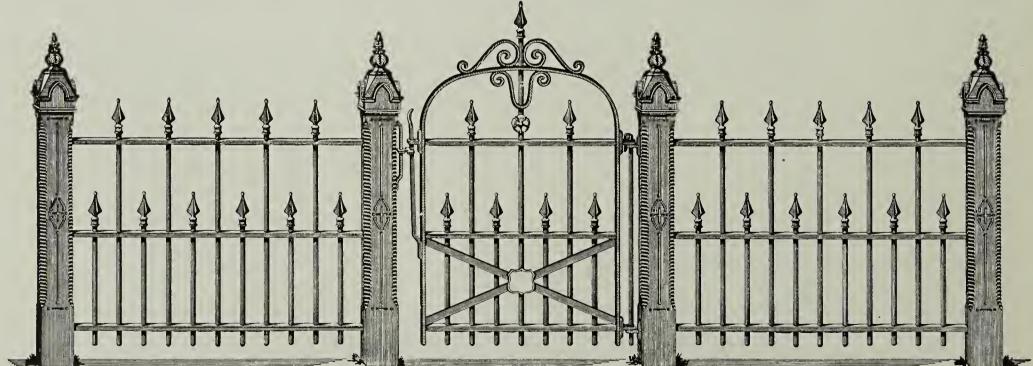


Post No. 3

Channel Rail

 $1\frac{1}{4}x\frac{1}{2}$ -in. Height from ground, when set, 37, 42 and 48 in.

 $1\frac{1}{4}x\frac{1}{2}$ -in. Height from ground, when set, 37, 42 and 48 in. $1\frac{1}{4}x\frac{1}{2}$ -in. Height from ground, when set, 37, 42, 48, 54 and 60 in. $1\frac{1}{2}x\frac{1}{2}$ -in. Height from ground, when set, 37, 42, 48, 54, 60 and 72 in. No. B—½-in., spaced 4 in. on centers. No. C—½-in., spaced 5 in. on centers. No. D—¾-in., spaced 5 in. on centers.



Post No. 6-A

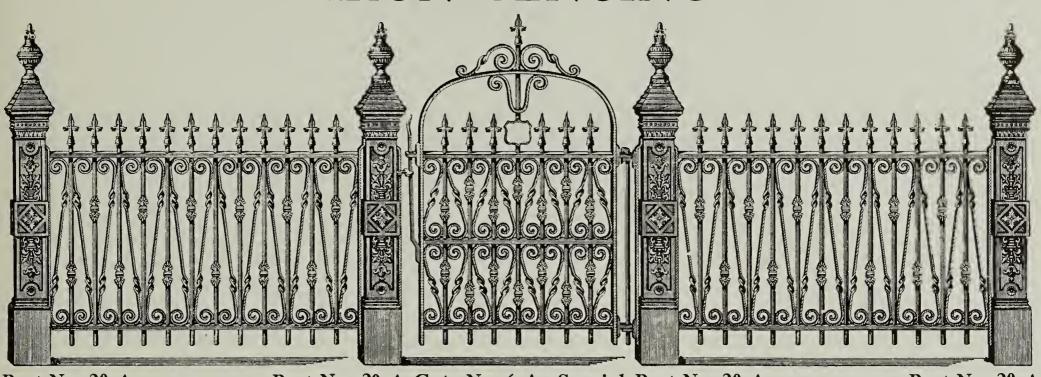
Post No. 6-A Post No. 6-A Gate No. 2-A

Post No. 6-A

Round Pickets

- No. 105—3/8-in., spaced 4 in. on centers. No. $106-\frac{1}{2}$ -in., spaced 4 in. on centers.
- No. $107-\frac{5}{8}$ -in., spaced 5 in. on centers.
- Channel Rail $1\frac{1}{4}x\frac{1}{2}$ -in. $1\frac{1}{4}x\frac{1}{2}$ -in. Height from ground, when set, 37, 42 and 48 in. Height from ground, when set, 37, 42 and 48 in.
 - $1\frac{1}{4}x\frac{1}{2}$ -in. Height from ground, when set, 37, 42, 48, 54 and 60 in.

IRON FENCING



Post No. 20-A

Post No. 20-A Gate No. 6-A-Special Post No. 20-A

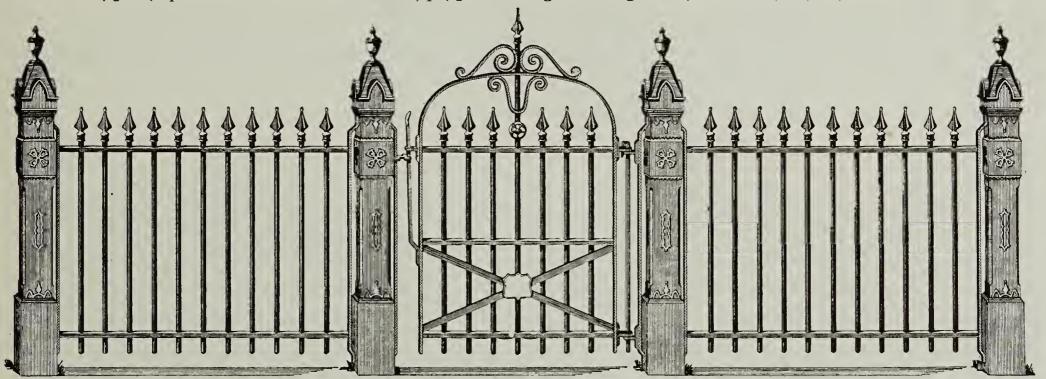
Post No. 20-A

Round Pickets

No. 97-A $-\frac{3}{8}$ -in., spaced 5 in. on centers. No. 98-A $-\frac{1}{2}$ -in., spaced 5 in. on centers

Channel Rail

 $1\frac{1}{4}x\frac{1}{2}$ -in. Height from ground, when set, 37, 42, 48 in. $1\frac{1}{4}x\frac{1}{2}$ -in. Height from ground, when set, 37, 42, 48 in.



Post No. 5-A

Post No. 5-A Gate No. 2-A Post No. 5-A

Post No. 5-A

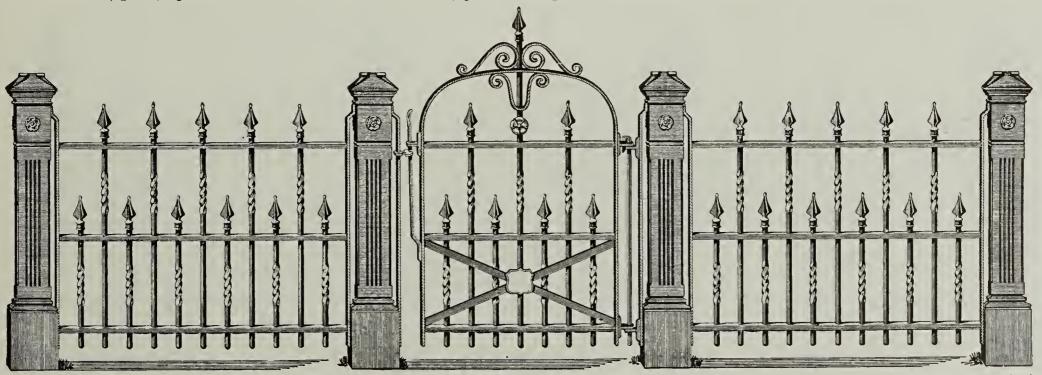
Square Pickets

No. 127-A $-\frac{3}{8}$ -in., spaced 4 in. on centers. No. 128-A $-\frac{1}{2}$ -in., spaced 4 in. on centers. No. 129-A $-\frac{5}{8}$ -in., spaced 5 in. on centers. No. 130-A $-\frac{3}{4}$ -in., spaced 5 in. on centers.

Channel Rail

 $1\frac{1}{4}x\frac{1}{2}$ -in. Height from ground, when set, 37, 42 and 48 in. $1\frac{1}{4}x\frac{1}{2}$ -in. Height from ground, when set, 37, 42 and 48 in.

 $1\frac{1}{2}x\frac{1}{2}$ -in. Height from ground, when set, 37, 42, 48, 54 and 60 in. 2 $x\frac{5}{8}$ -in. Height from ground, when set, 37, 42, 48, 54, 60 and 72 in.



Post No. 11-A

Post No. 11-A Gate No. 2-A Post No. 11-A

Post No. 11-A

Square Pickets

No. 178-A—3/8-in., spaced 4 in. on centers. No. 179-A—1/2-in., spaced 4 in. on centers.

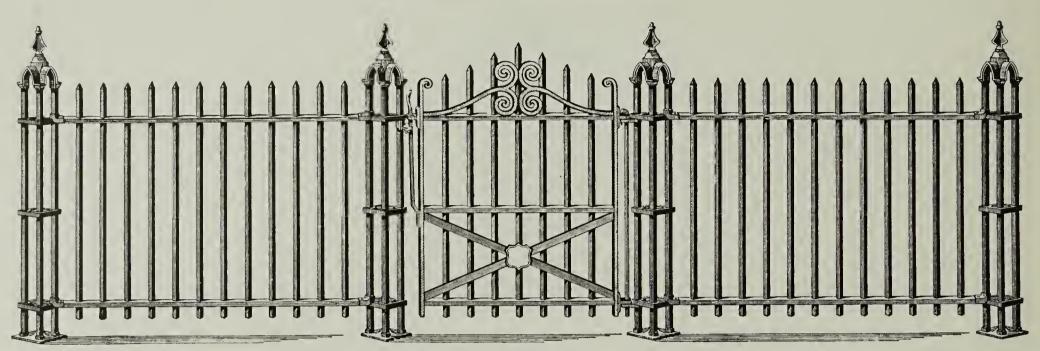
No. 180-A— $\frac{5}{8}$ -in., spaced 5 in. on centers. No. 181-A— $\frac{3}{4}$ -in., spaced 5 in. on centers.

Channel Rail

 $1\frac{1}{4}x\frac{1}{2}$ -in. Height from ground, when set, 37, 42 and 48 in. $1\frac{1}{4}x\frac{1}{2}$ -in. Height from ground, when set, 37, 42 and 48 in.

1 $\frac{1}{4}$ x $\frac{1}{2}$ -in. Height from ground, when set, 37, 42 and 48 in. 1 $\frac{1}{2}$ x $\frac{1}{2}$ -in. Height from ground, when set, 37, 42, 48, 54 and 60 in. 2 x $\frac{5}{8}$ -in. Height from ground, when set, 37, 42, 48, 54, 60 and 72 in.

IRON FENCING



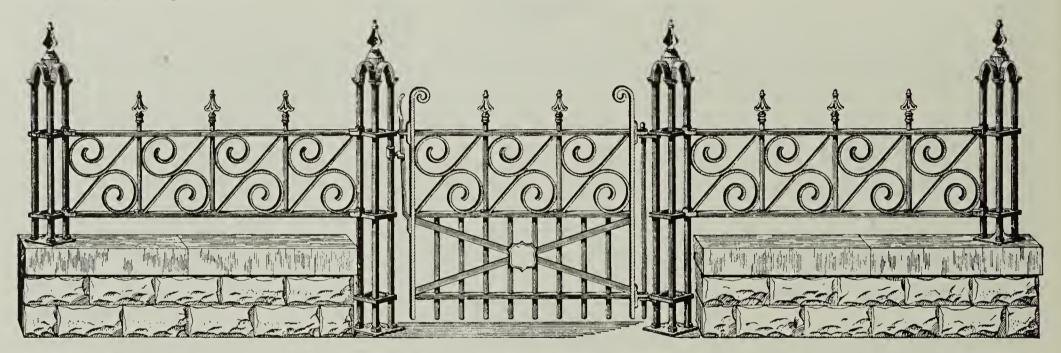
Post No. 2

Post No. 2 Gate No. 5-A Post No. 2

Channal Dail

Post No. 2

Square Fickets	Chamierr	Xaii
No. 108—3/8-in., spaced 4 in. on centers.	$1\frac{1}{4}x\frac{1}{2}$ -in.	Height from ground, when set, 37, 42 and 48 in.
No. $109-\frac{1}{2}$ -in., spaced 4 in. on centers.	$1\frac{1}{4}x\frac{1}{2}$ -in.	Height from ground, when set, 37, 42 and 48 in.
No. $110-\frac{5}{8}$ -in., spaced 5 in. on centers.	$1\frac{1}{2}x\frac{1}{2}$ -in.	Height from ground, when set, 37, 42, 48, 54 and 60 in.
No. 111 $-\frac{3}{4}$ -in., spaced 5 in. on centers.	$2 \text{ x} \frac{5}{8} - \text{in}.$	Height from ground, when set, 37, 42, 48, 54, 60 and 72 in.
No. $112-\frac{7}{8}$ -in., spaced 5 in. on centers.	$2\frac{1}{2}$ x $\frac{7}{8}$ -in.	Height from ground, when set, 37, 42, 48, 54, 60 and 72 in.



Post No. 2

Post No. 2 Gate to Match Post No. 2

Post No. 2

No. 208-A—7/6-inch_Round Pickets. 11/4x1/2-inch Channel Rail. Height from coping, 20, 24 and 28 inches.



Flat Newel No 41-A

Flat Newel Gate No. 41-A Flat Newel No. 41-A No. 41-A

Flat Newel No. 41A

No. 217-A—½-inch Square Pickets. 1½x½-inch Channel Rail. Height from coping, 24 and 30 inches. No. 218-A—¾-inch Square Pickets. 1½x½-inch Channel Rail. Height from coping, 24 and 30 inches. No. 219-A—¾-inch Square Pickets. 2 x¾-inch Channel Rail. Height from coping, 24 and 30 inches.

DRIVEWAY GATES

Drive Gates — No. 19

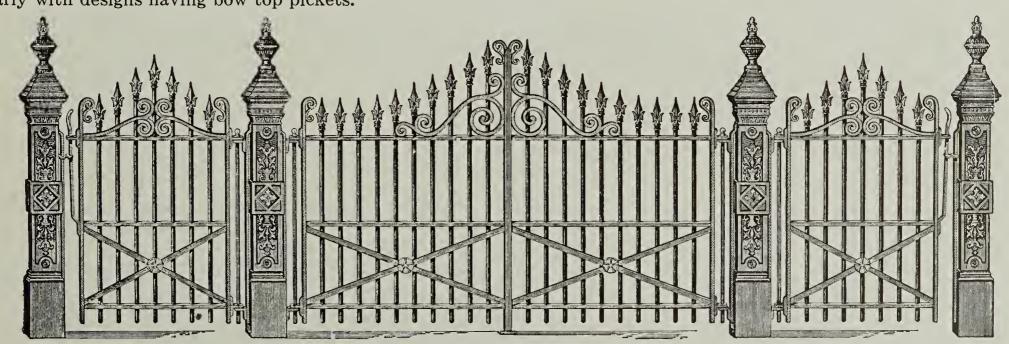




Double Drive Gate No. 11

8 ft. 6 in. and 10 ft. wide between posts. Constructed of 3/8, 1/2, 5/8 and 3/4-inch pickets.

The No. 11 Double Drive Gate is strongly braced and is especially suitable for two or three rail fence, particularly with designs having bow top pickets.



Post Walk Gate No. 20-A No. 5-A

Post No. 20-A Drive Gate No. 13-A

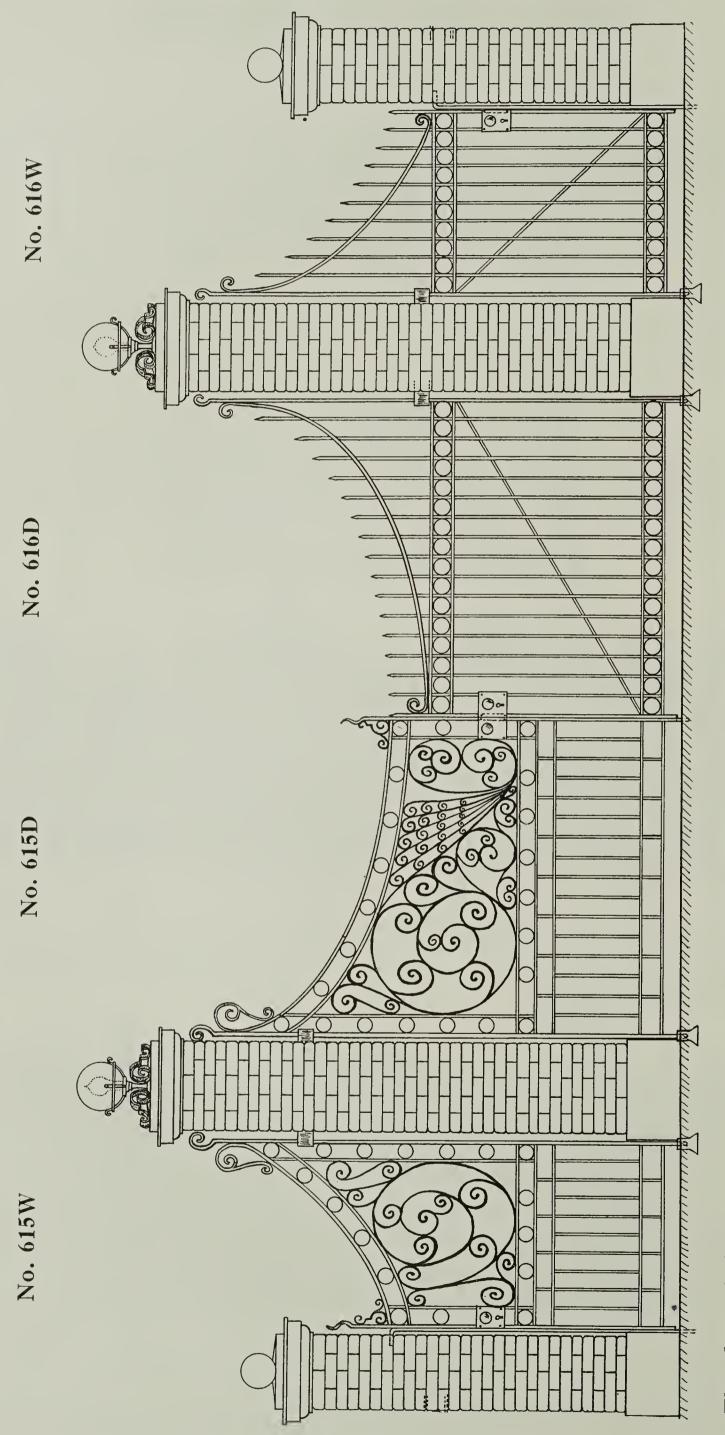
Post No. 20-A

Walk Gate No. 5-A Post No. 20-A

Double Drive Gate No. 13-A

8 ft. 6 in. and 10 ft. wide between posts. Constructed of $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$ and 1-inch pickets. Our No. 13-A Double Drive Gate is especially suitable with straight picket fence, particularly where a heavy gate is wanted.

WALK AND DRIVE GATES

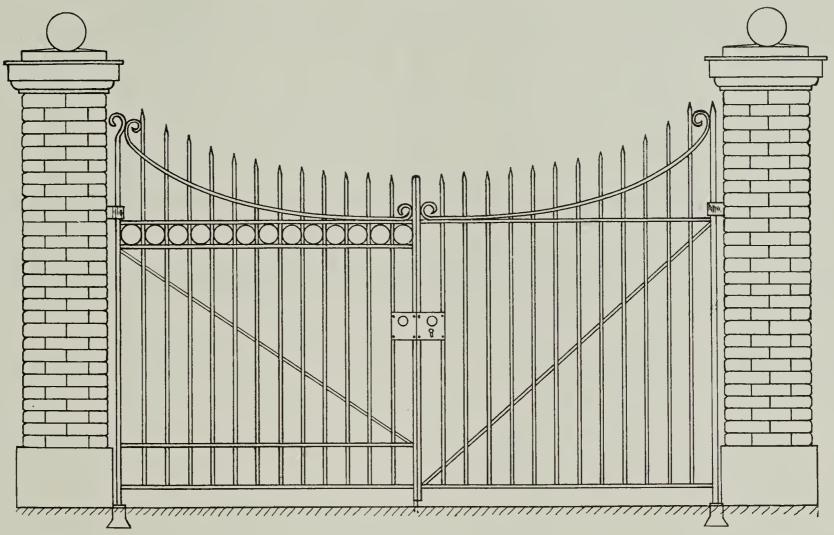


We also manufacture the lighting Fixtures shown on top of posts. The above design shows a combination of Drive and Walk Gates. Special designs furnished on application

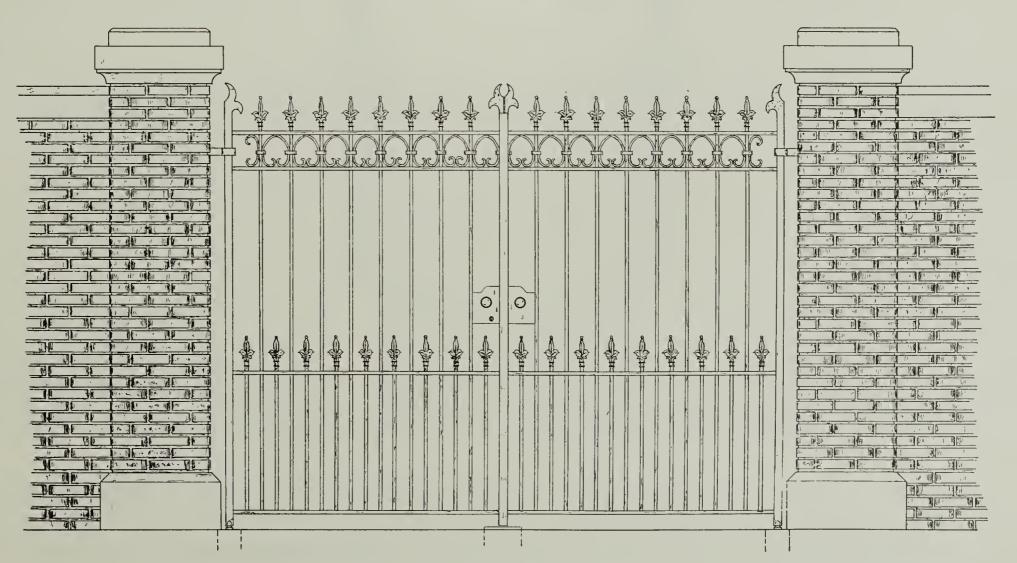
DRIVEWAY GATES

Combination Cut



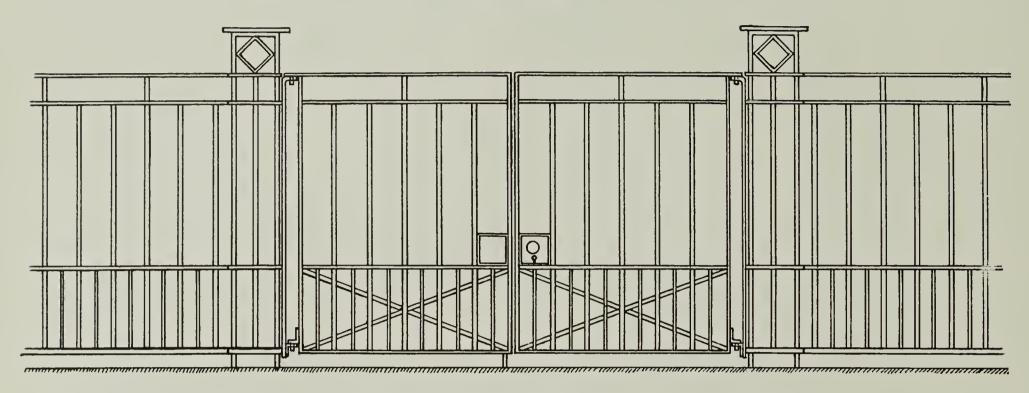


No. 600



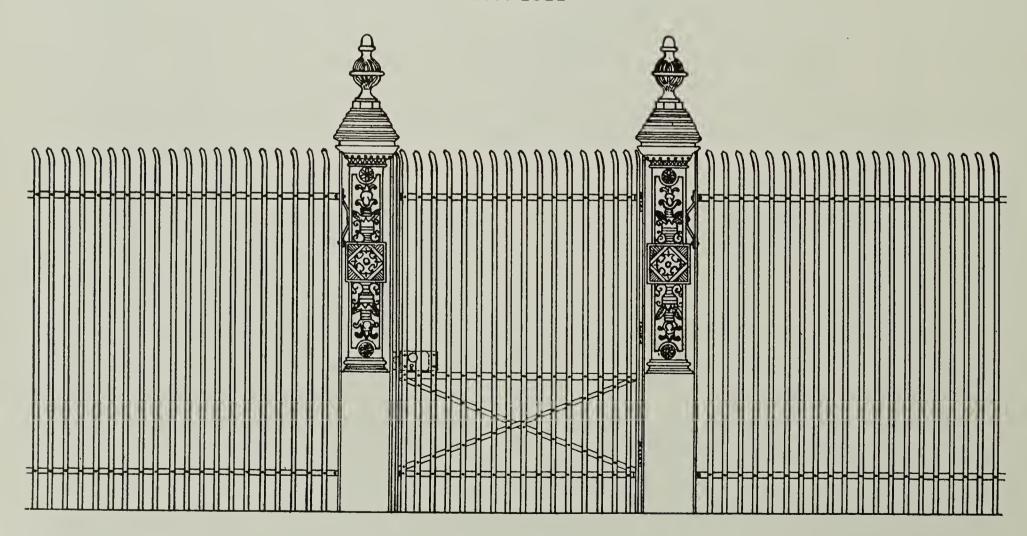
ORNAMENTAL IRON FENCING

No. 1310



This is an excellent design of Fence for large private homes, school houses, etc. Usually made four to five feet high.

No. 1311

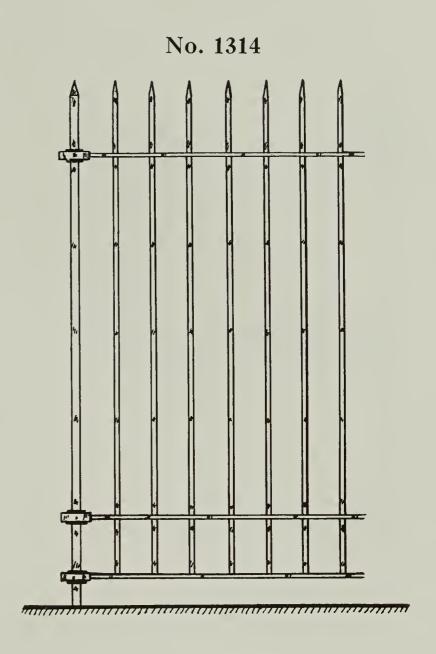


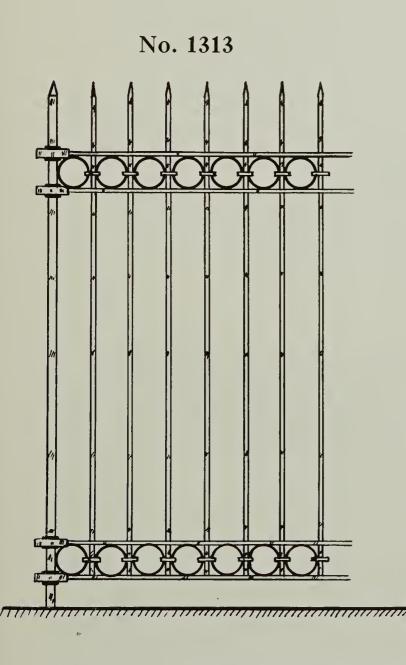
This style of fencing is made of flat bars fastened to angle iron cross bars; usually made six feet high, the upper position curving outward.

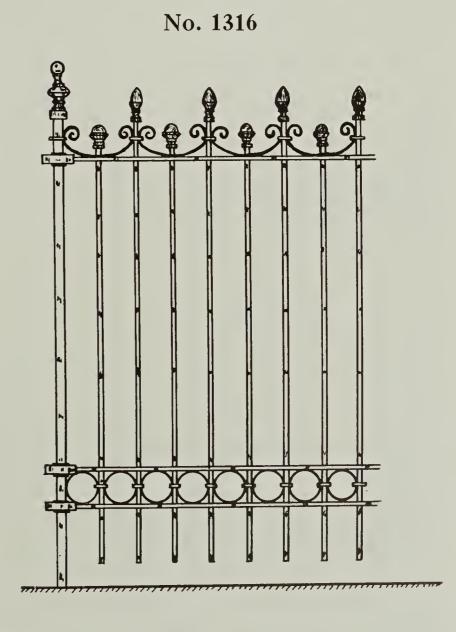
This fence is especially adapted for large estates, bird and game reserves, etc.

IRON FENCING

No. 1315





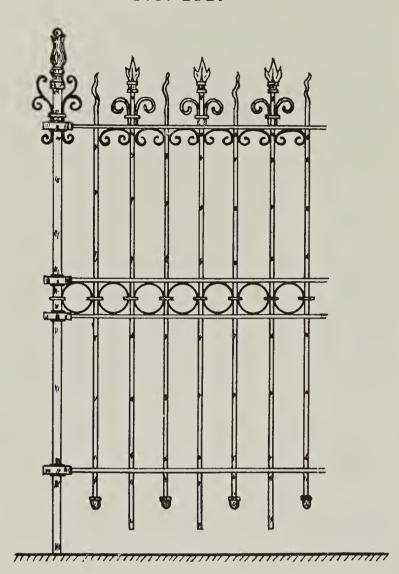


The above designs are usually used for Fences from four to six feet high.

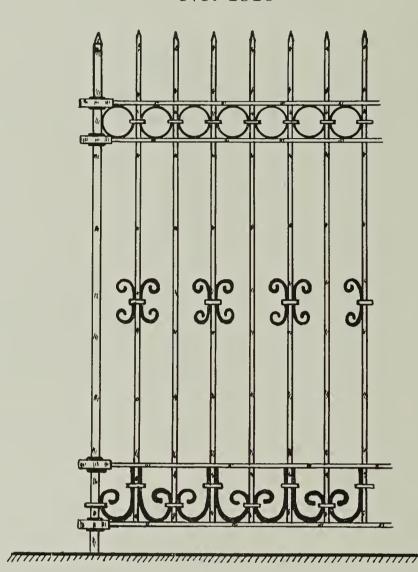
The upright bars are made of round iron, but they can also be made of square iron. Unless otherwise specified round iron will be furnished.

IRON FENCING

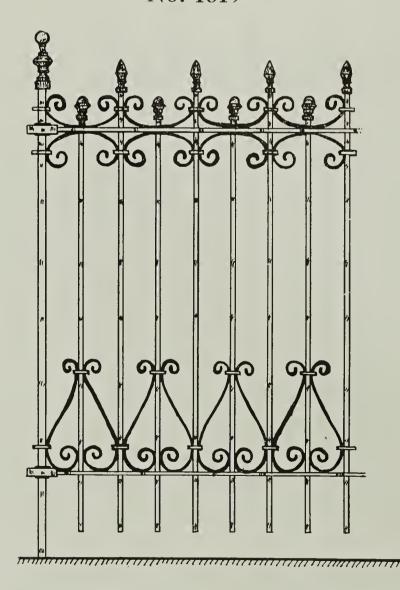
No. 1317



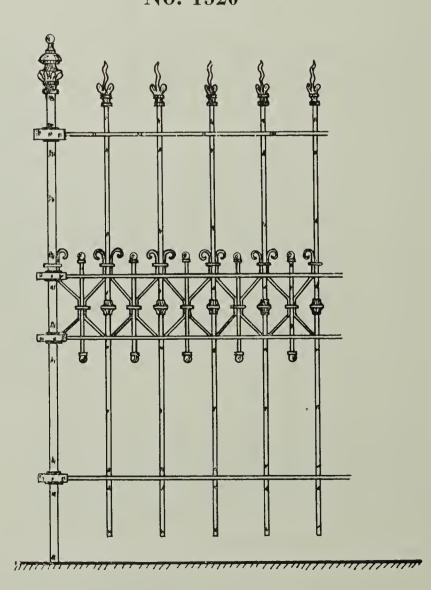
No. 1318



No. 1319



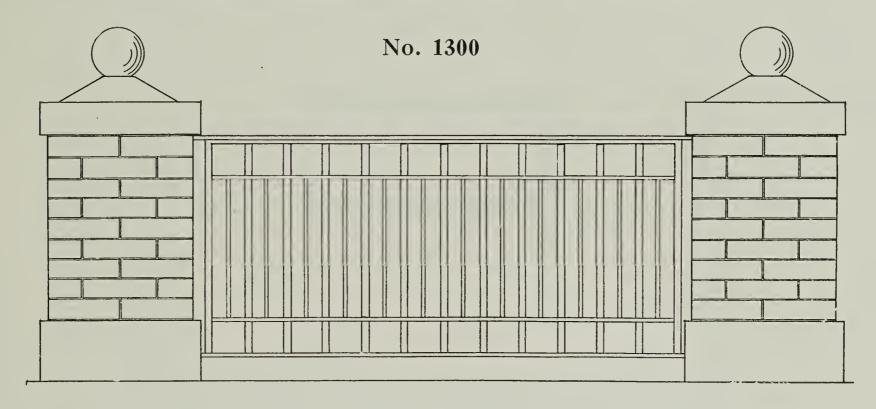
No. 1320

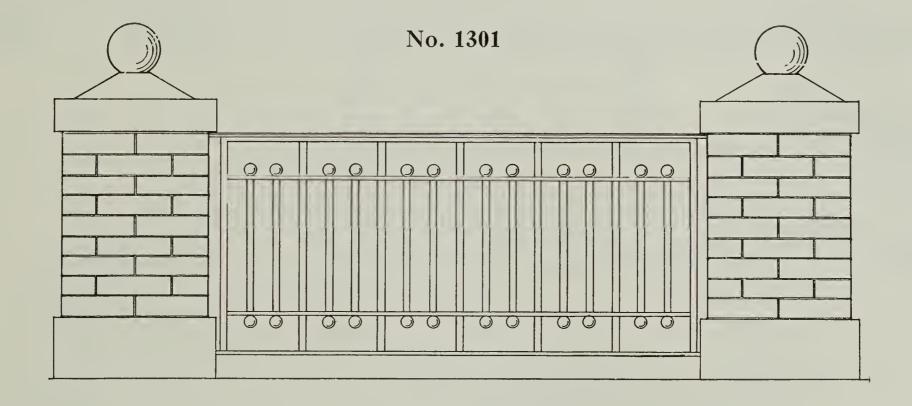


The above designs are usually used for Fences from four to six feet high.

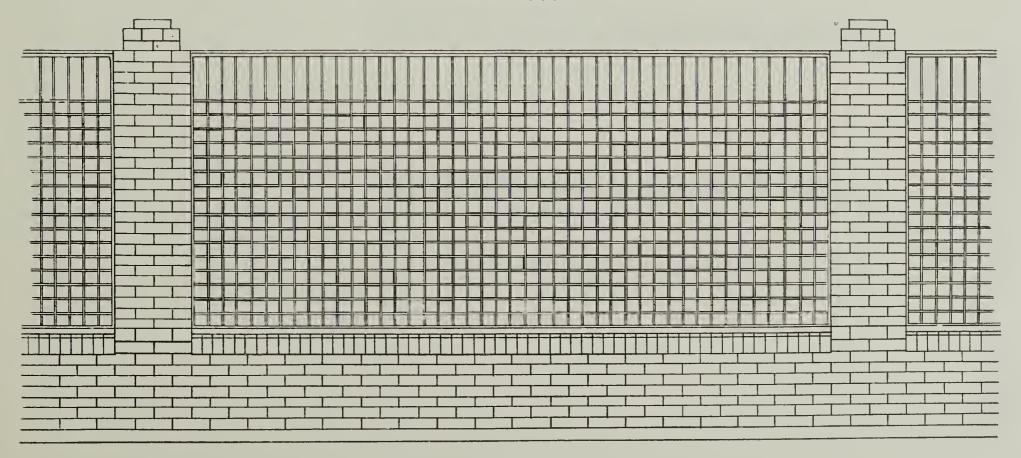
ORNAMENTAL IRON FENCING

Fencing to Set Between Brick or Stone Posts



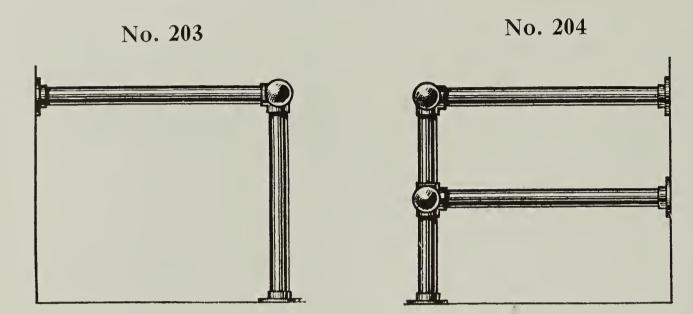


No. 1303

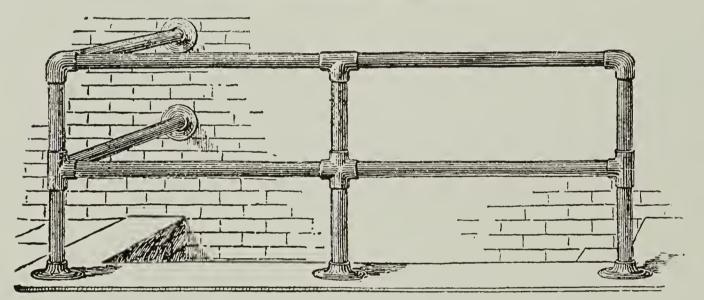


TUBULAR RAILINGS

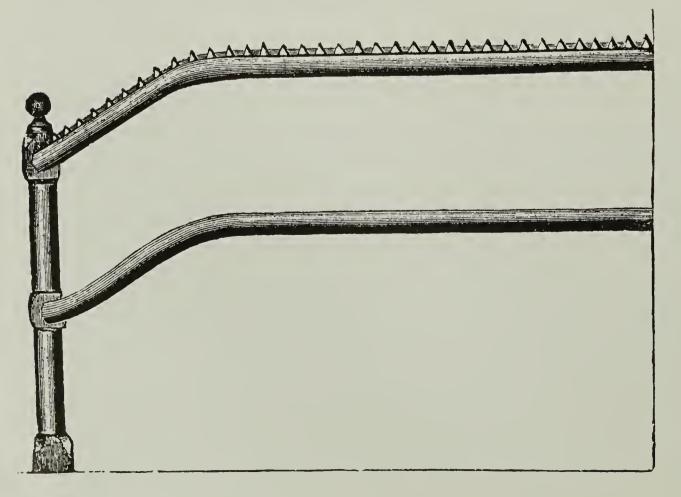
GUARD RAILS



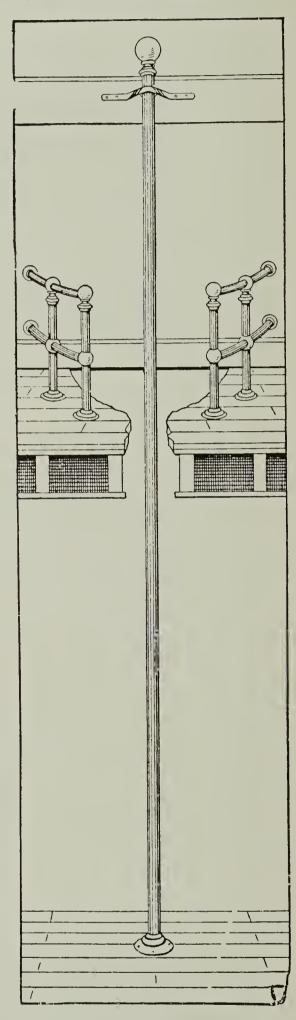
No. 200 Tubular Area Railing



No. 201 Tubular Area Railing with Loafers'
Anti-Roost Points



No. 205 Brass Slide Pole

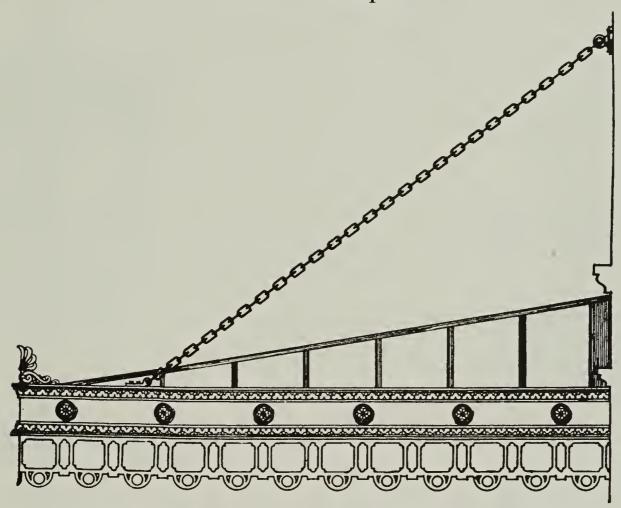


For fire department, patrol and ambulance houses.

Made any height and size wanted.

MARQUISE

No. 302 Marquise



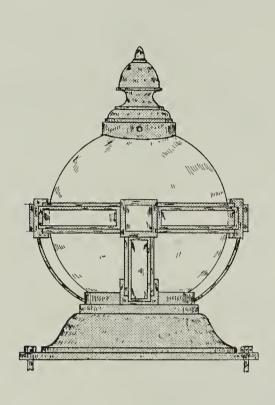
No. 330 Porte Cochere or Portico



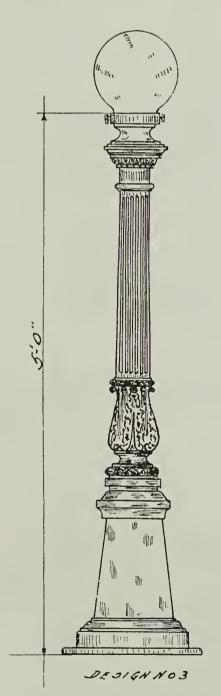
Send for special circular.

LIGHTING FIXTURES

No. 1401



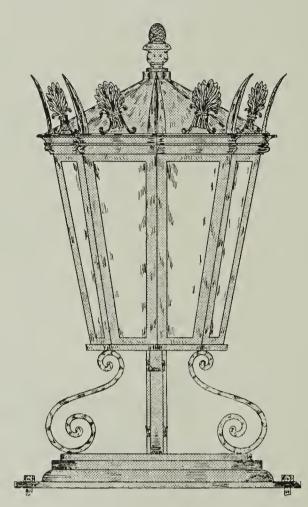
No. 3 One Center Light Post



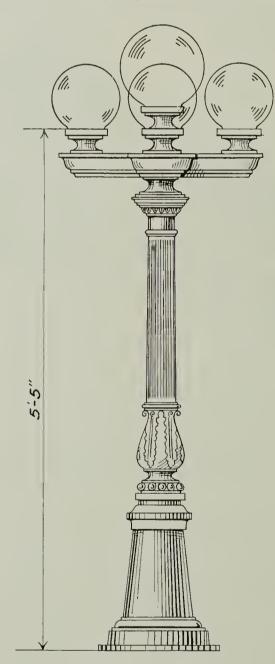
Globe 10 inches. Diameter fitter 5 inches. $12\frac{1}{2}$ inch square base bottom of post. $15\frac{1}{2}$ inch square base plate.

Write for Special Designs.

No. 1402



4 Light Posts



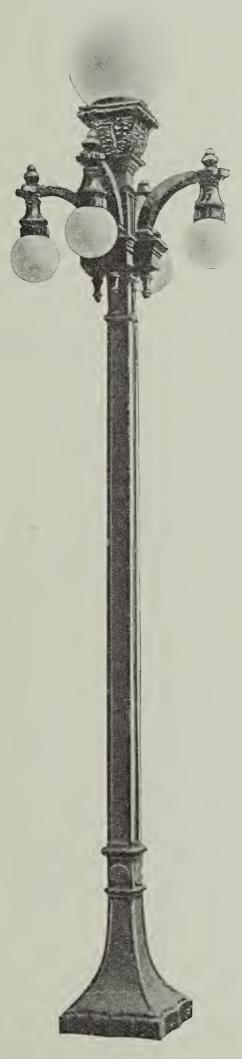
DESIGN NO. 3-A

3 side globes 8 inches diameter; fitter 4 inches. 1 center globe 10 inches diameter; fitter 5 inches.

20 inch center spread of side globes. $12\frac{1}{2}$ inch square base at bottom of post. $15\frac{1}{2}$ inch square base plate.

BRONZE LAMP FIXTURES

No. 9



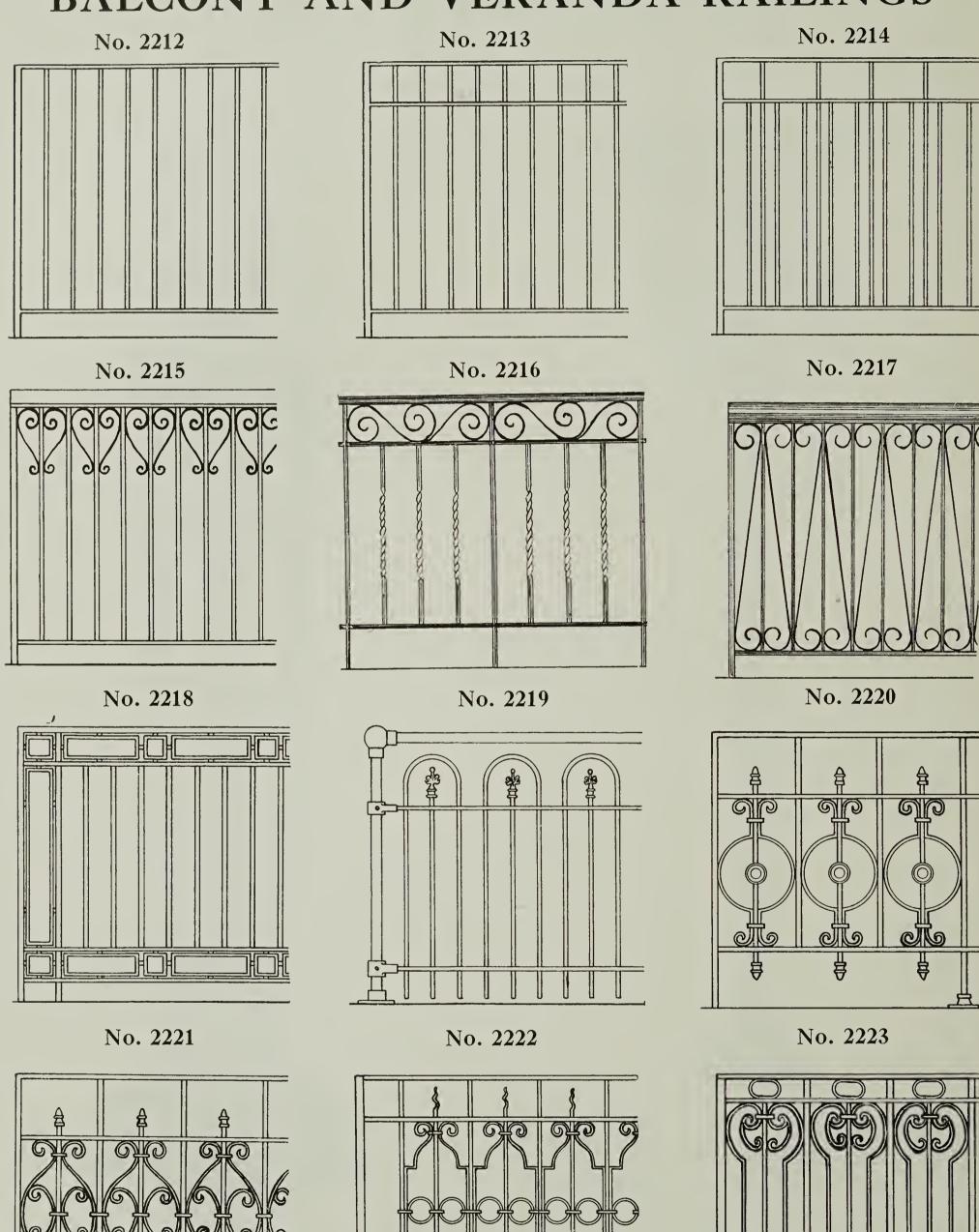
Height from ground to top of center light, 13 feet, 7 inches. Height to lower light, 10 feet. Top globe, 16 inches diameter. Side globes, 10 inches diameter. Average square measurement of shaft, $4\frac{1}{4}$ inches. Base, 17 inches square. Can be made with base to set in ground.

No. 1312



We are prepared to execute all classes of ornamental Bronze or Iron Work from standard or original designs.

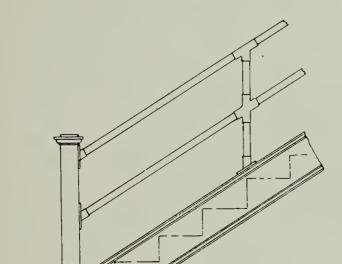
BALCONY AND VERANDA RAILINGS



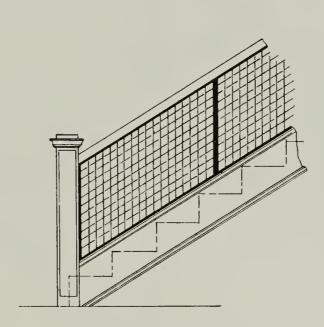
Other designs on request.

STAIRS

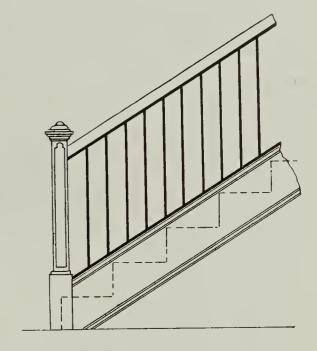
No. 2400



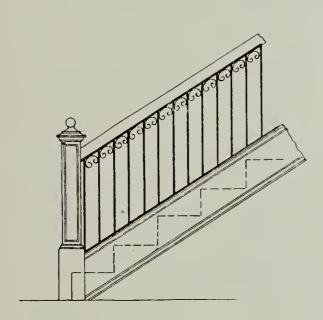
No. 2401



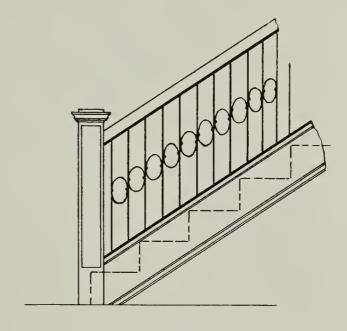
No. 2402



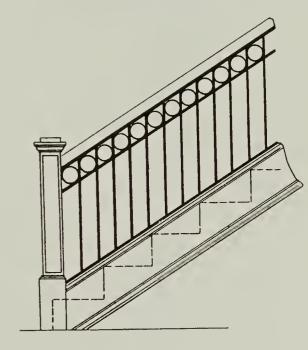
No. 2403



No. 2404



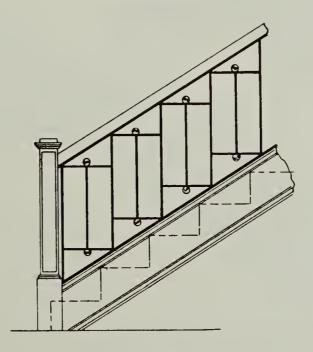
No. 2405



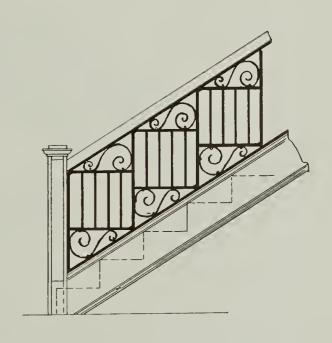
No. 2406



No. 2407



No. 2408

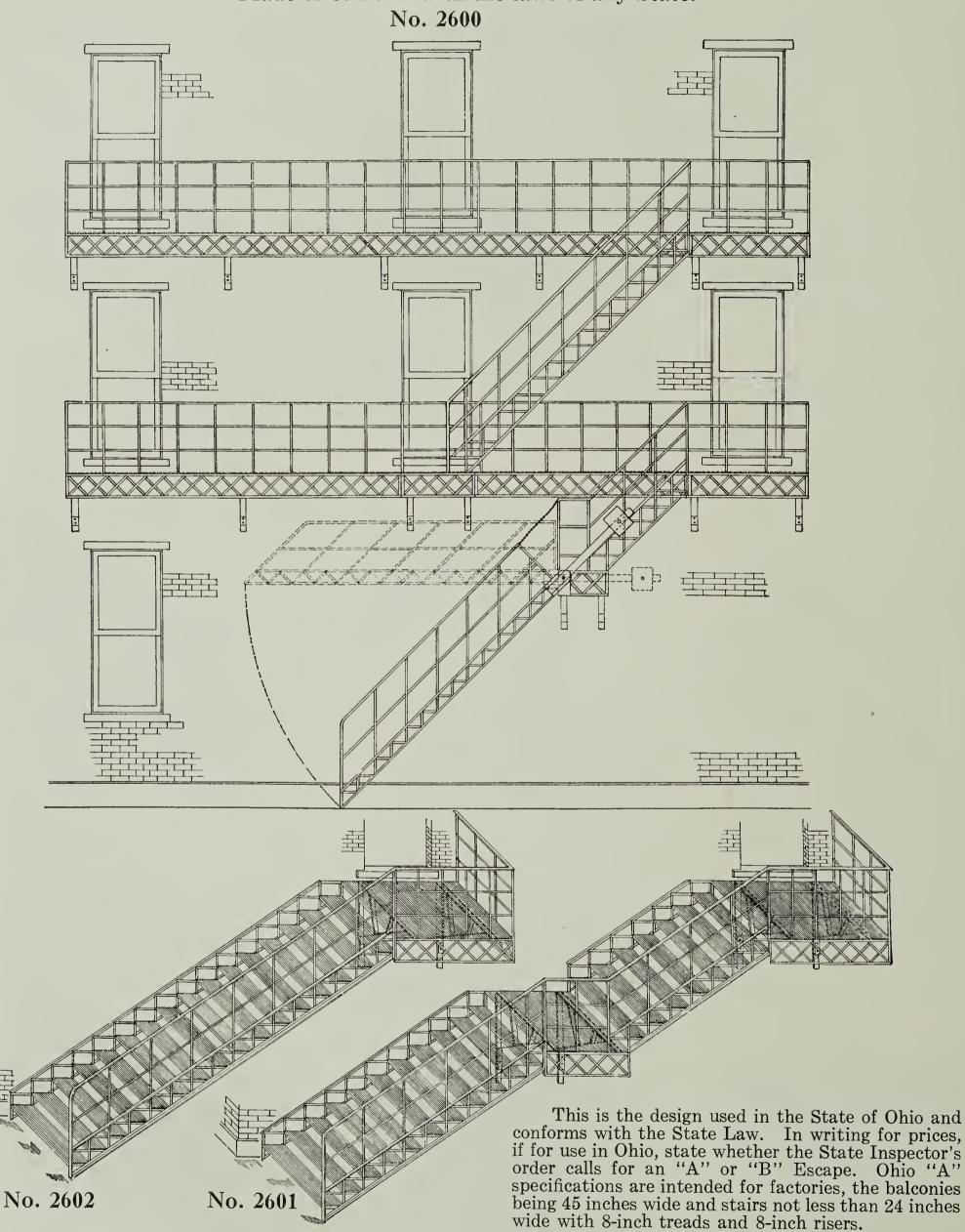


Any of the above Stairs can be furnished with different styles of posts.

Other designs on request.

FIRE ESCAPES

Made to conform with the laws of any State.



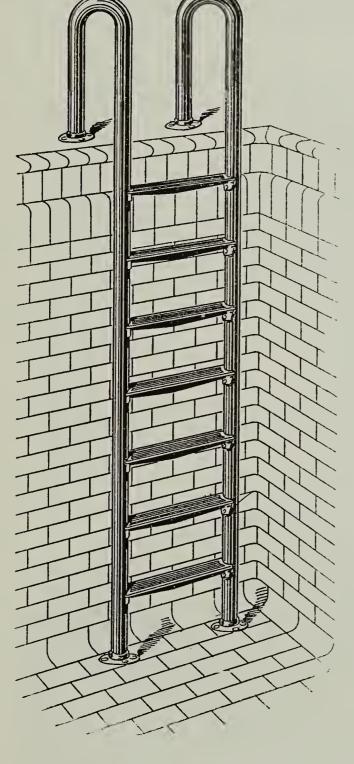
Ohio "B" specifications are intended for School Houses, Theatres and other public buildings where necessary to extend the stairway clear to the ground, the balconies and stairs all being 42 inches wide and 10-inch treads and 7-inch risers.

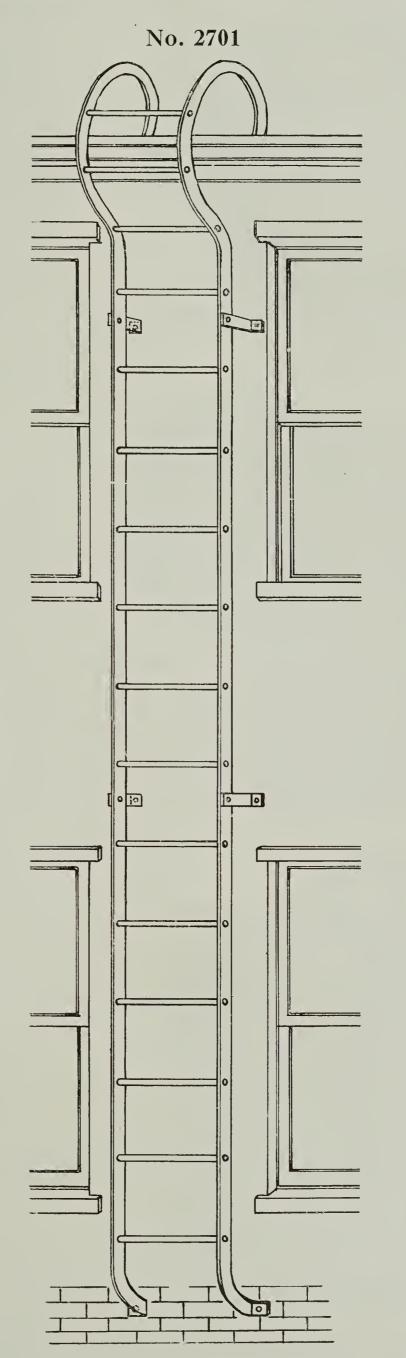
This type of FIRE ESCAPE is widely used in other states and gives universal satisfaction. It is exceptionally strong and substantial, the truss construction adding greatly to the strength of the balconies and stairs.

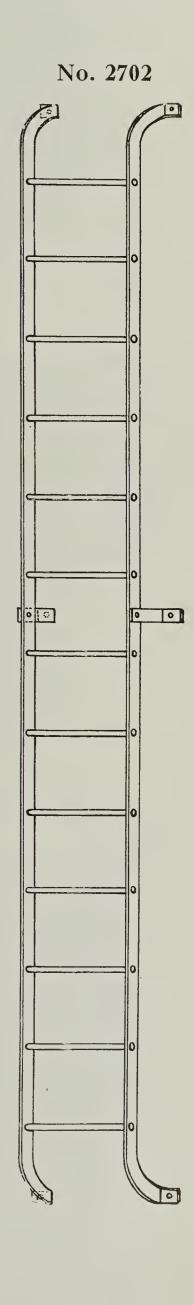
When writing for estimates, a rough sketch, giving particulars and measurements, will assist us to make suggestions of value to you.

LADDERS







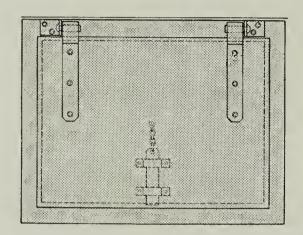


Also used as a fire escape.

The above ladders can be made any length or width.

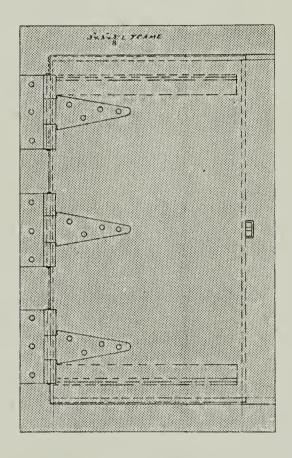
SIDEWALK DOORS

No. 9 Wrought Iron Door

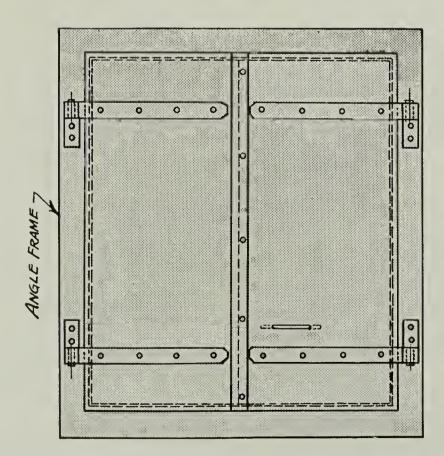


For depositing coal, wood or vegetables in the cellar. Made any size.

No. 702

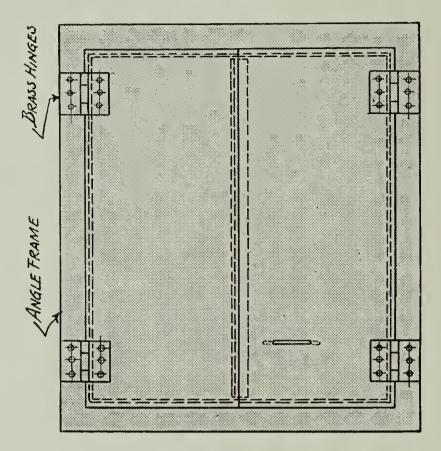


No. 700

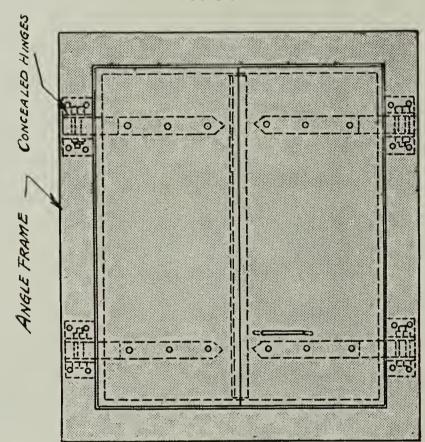


Any of these doors made of plain steel or diamond checkered steel. Can also be made with prismatic lights.

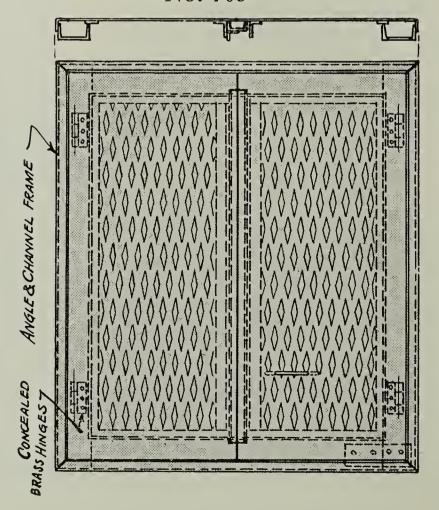
No. 703



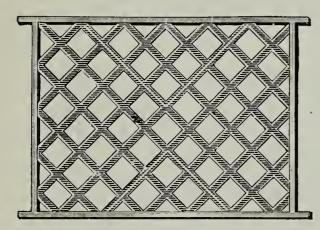
No. 704



No. 705



No. 109A



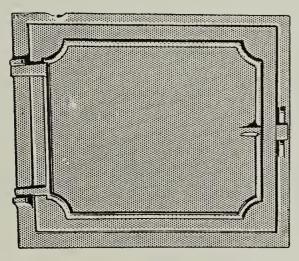
VENTILATOR GRATES

Japanned

For use in foundations or other places where ventilation is desired.

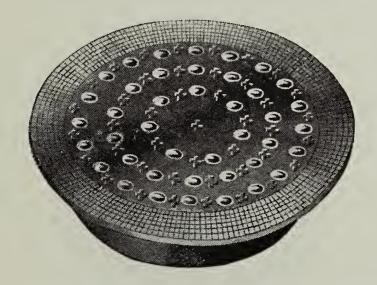
Made in the following sizes: $6" \times 8"$, $6" \times 12"$, $8" \times 8"$, $8" \times 10"$, $8" \times 12"$, $8" \times 16"$, $10" \times 12"$, $12" \times 12"$, $12" \times 14"$, $12" \times 18"$, $12" \times 24"$.

NEW STYLE REVERSIBLE ASH PIT DOORS AND FRAMES



Made in the following sizes: $6" \times 8"$, $8" \times 8"$, $8" \times 10"$, $10" \times 12"$, $12" \times 14"$.

ILLUMINATED COAL HOLE COVER AND RING

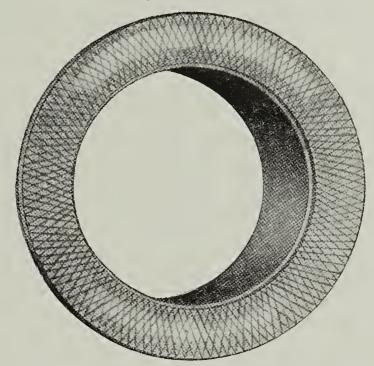


Fitted with 1¾ inch round bull's eye glass set in melted sulphur and protected with raised spuds as shown. Note the liberal illumination.

SIZES

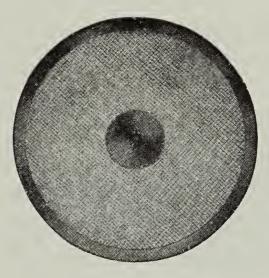
14 inch inside	diameter	27 glass
16 inch inside	diameter	33 glass
18 inch inside	diameter	41 glass
20 inch inside	diameter	45 glass
24 inch inside	diameter	68 glass
30 inch inside	diameter	90 glass
36 inch inside	$\operatorname{diameter} \ldots \ldots \ldots \ldots 1$	44 glass

No. 332 COAL HOLE RING



Solid Checkered Cover

Ventilated Cover





Made in following inside diameters.

36 inch with solid cover only

14 inch with solid or ventilated cover 16 inch with solid or ventilated cover 18 inch with solid or ventilated cover 20 inch with solid or ventilated cover 24 inch with solid or ventilated cover 30 inch with solid or ventilated cover

FLUSH COAL HOLE FRAMES AND

COVERS

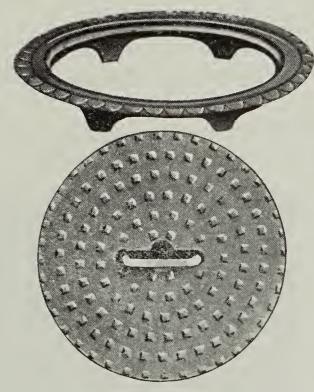
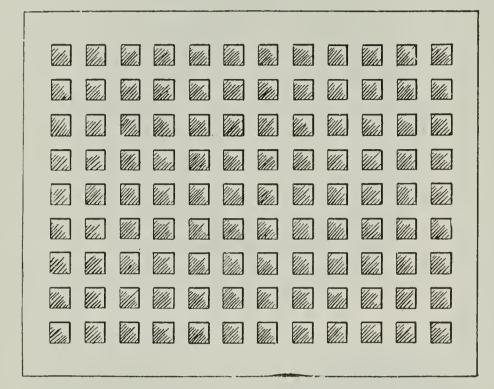


Fig. 232A

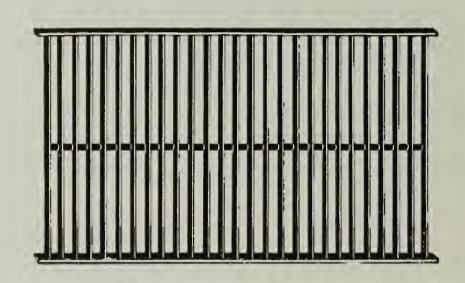
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•	v	247		1	3.4		_	

GOMI BETE	Weight	List
No. 1—15-inch opening, Ring and Cover	35 lbs.	\$5.70
No. 6—18-inch opening, Ring and Cover		7.75
No. 2—20-inch opening, Ring and Cover	57 lbs.	9.25
No. 7—24-inch opening, Ring and Cover	72 lbs.	11.80

No. 220 REINFORCED CONCRETE SIDEWALK LIGHT

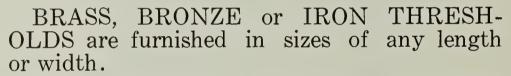


No. 217 WROUGHT IRON GRATINGS



Made in any size for sidewalk gratings, power plant and many industrial uses.

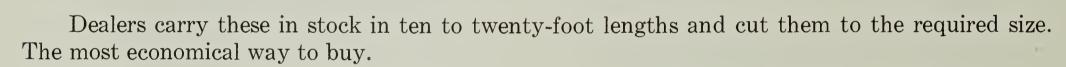
THRESHOLDS



We carry in stock, various styles and sizes of patterns which in many instances will answer your purposes.

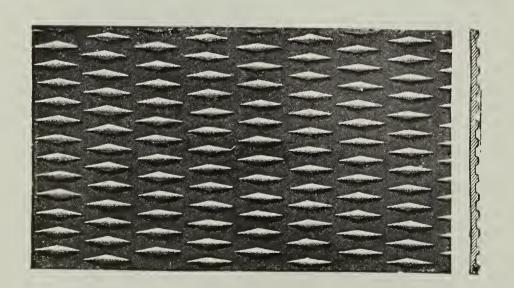
Made plain or ribbed pattern.

Send us a sketch or drawing of your requirements.



WROUGHT STEEL FLOOR PLATES

Rolled from Open Hearth Boiler Plate Steel

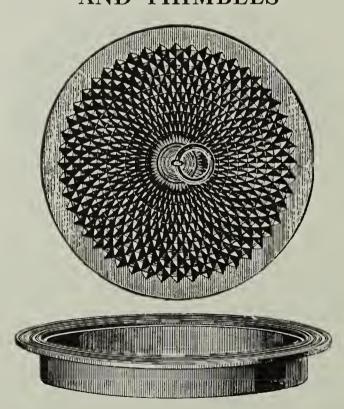


Diamond Pattern

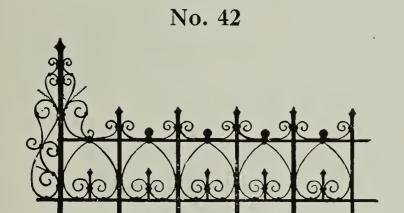
Also used for stair plates.

Diamond pattern used for sidewalk doors.

No. 208 CISTERN TOPS AND THIMBLES

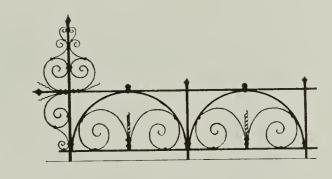


WROUGHT IRON ROOF CRESTING



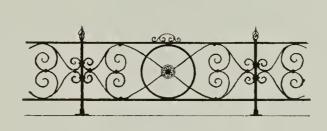


No. 43

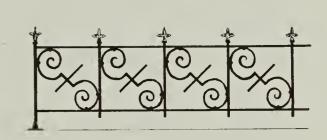


No. 44

No. 45

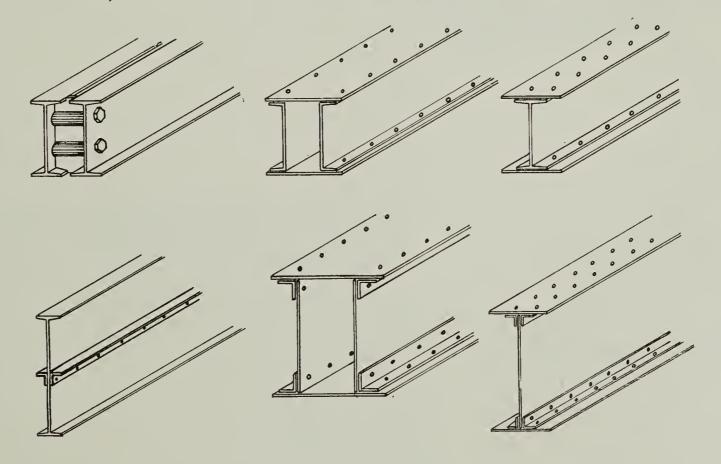


No. 46

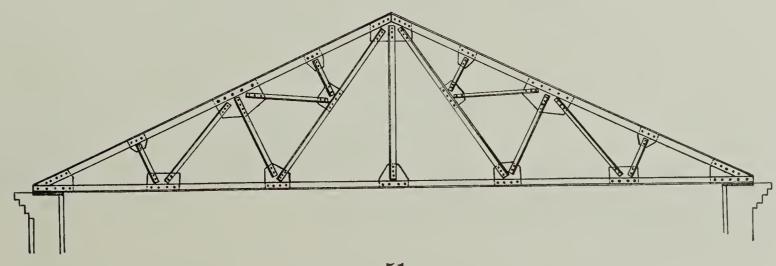


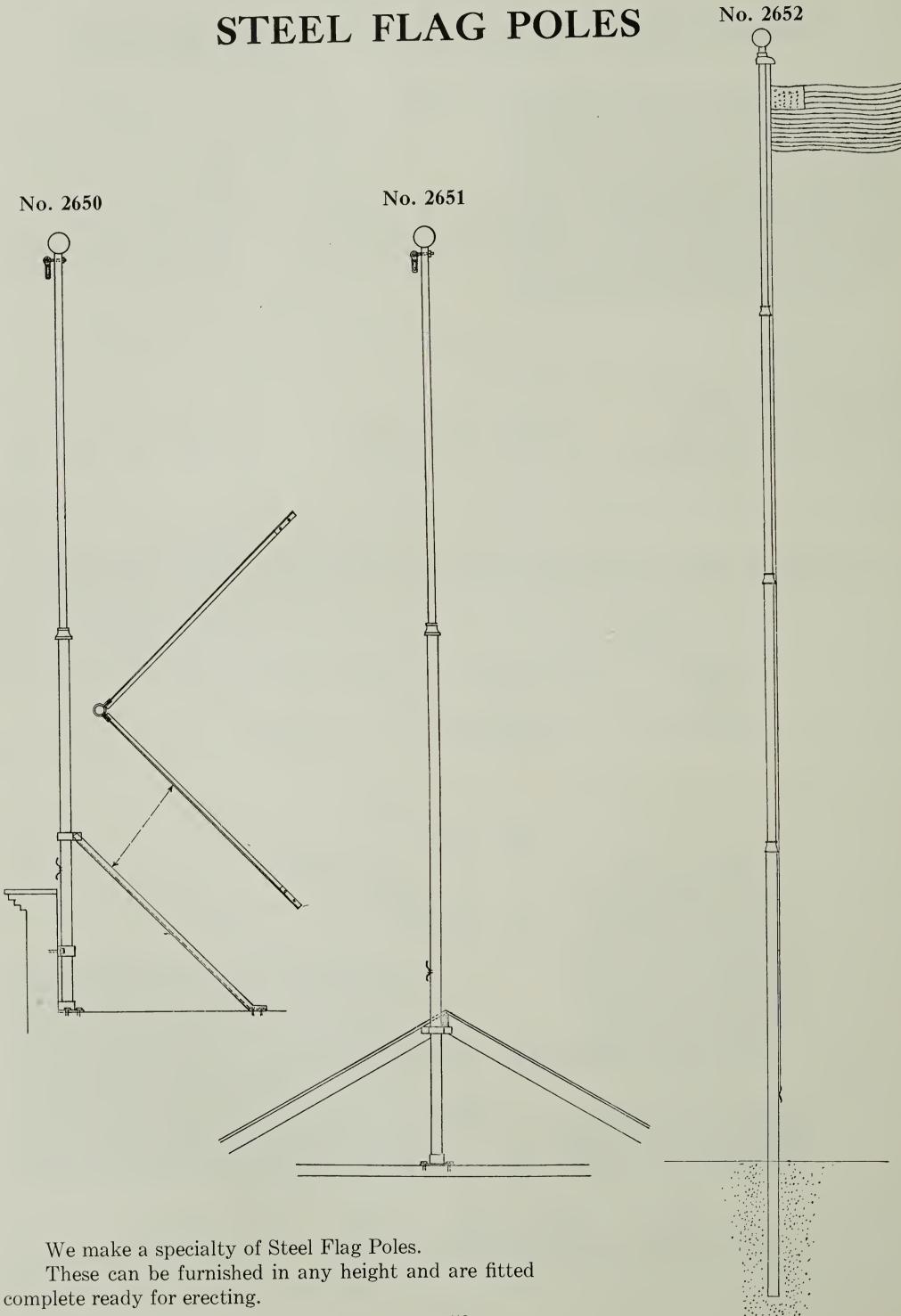
No. 47

I-BEAMS, CHANNELS, GIRDERS, ETC.



ROOF TRUSSES



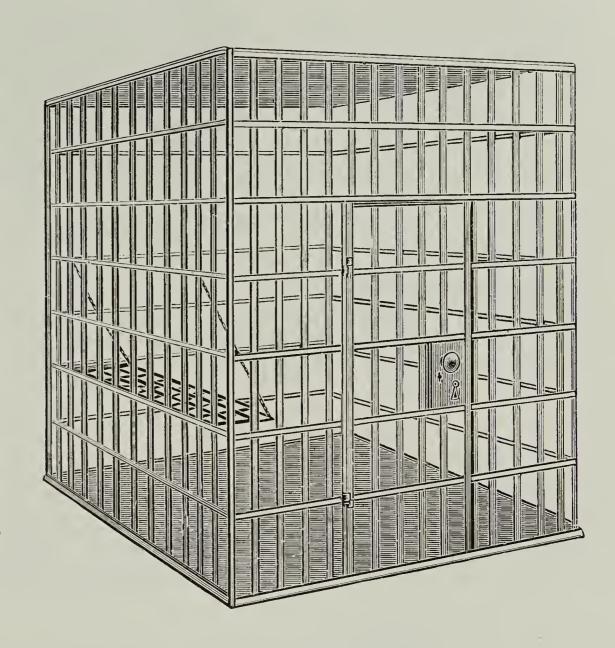


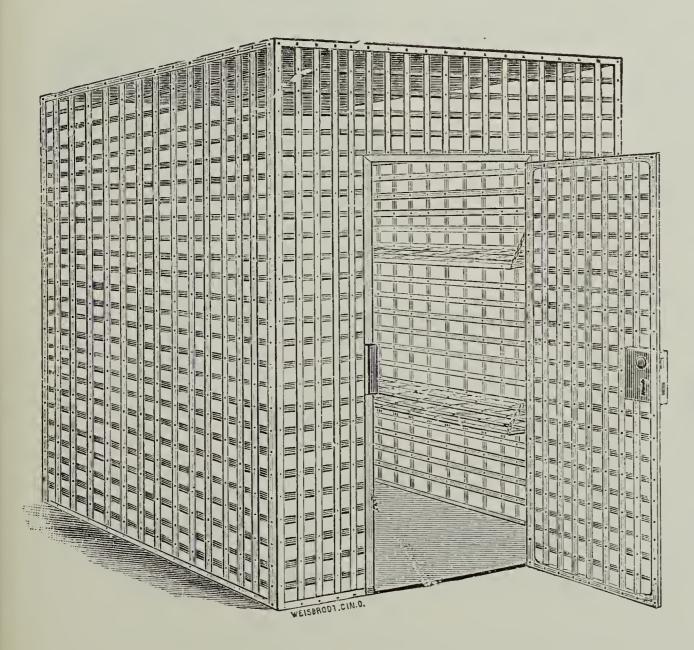
JAIL CELLS AND LOCKUPS

Cut No. 12—Round Bar Construction

City prisoners are usually locked up for drunkenness or some small offense. Strong and expensive work, such as our patent Truss Bar Cage, is unnecessary for a city lockup.

We manufacture a large variety of styles and sizes of Cages intended for use in these Lockups, Station Houses, Work Houses, Reformatories. etc. The cuts herewith show single cells of styles of construction most commonly used. They are comparatively inexpensive, and sufficiently secure for the purpose intended. The number of such cells required depends wholly upon the number of prisoners to be cared for.



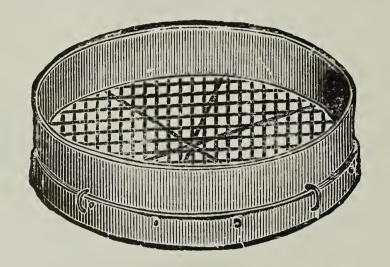


Cut No. 13—Flat Bar, Riveted Work

Each cell is well locked, and is furnished with one or more of our folding beds. This Station House work is made of such size and shape as to suit the requirements and dimensions of the room in which it is to be placed. Write to us, stating your needs and the size of your cellroom, and we will cheerfully send a plan of a cage especially designed to meet the requirements of your particular case. We are often asked how many cells a city or county requires. To determine this, divide the number of prisoners you wish to care for by four, and the result is the number of cells required.

EXTRA HEAVY STEEL, GALVANIZED AND BRASS WIRE FOUNDRY RIDDLES

Every Dealer should handle heavy Galvanized Riddles. There is a good profit in them.



Supply your foundries, cement contractors, etc.

The finer meshes are used by bakers.

All large and full size Riddles

Extra Heavy Steel Wire Foundry Riddles, Nos. 2 to 16, per dozen\$1	18.00
Extra Heavy Galvanized Wire Foundry Riddles, Nos. 2 to 12, per dozen	20.00
Extra Heavy Brass Foundry Riddles, Nos. 2 to 16, per dozen	29.00

Packed one-half dozen of a mesh to a crate. Shipping weight, per dozen, 50 lbs.

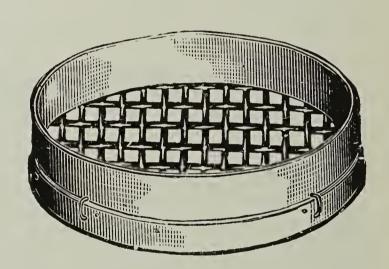
We make a specialty of Heavy Steel and Brass Wire Foundry Riddles. We make them of heavier wire and rims than any other manufacturers, and can safely say that our Riddles will out wear those of any other make. We make them without cross bars and with lining rims, or with 2 or 3 cross bars, or both; also with four cross bars. When ordering, please say what kind is preferred.

20-inch Riddles are made with 3 or 4 cross bars.

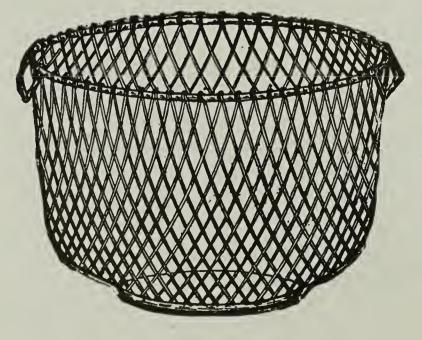
MINERS' EXTRA HEAVY COAL RIDDLES

We make these of either Woven or Crimped Wire, full size and extra heavy for Miner's use; they are also used by Foundries for coke or other heavy work.

> Packed one-half dozen of a mesh to a crate. Shipping weight, per dozen, 60 lbs.



GALVANIZED WIRE BASKETS



No. 1 to hold 60 pounds or about 1 bushel.

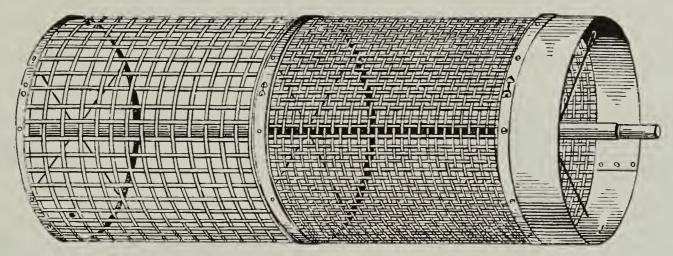
No. 2 to hold 90 pounds or about $1\frac{1}{2}$ bushels.

No. 3 to hold 120 pounds or about 2 bushels.

These baskets are galvanized after being made, and will not rust. They are used by foundries for coke and scrap iron baskets, are also used for fish. They are made of heavy crimped wire and firmly put together and make a strong, durable and almost indestructible basket.

SAND, GRAVEL AND COAL SCREENS

No. 9 Heavy Revolving Coal, Coke and Gravel Screen



Prices include shaft $2\frac{1}{2}$ or 3 inches in diameter

These Revolving Screens are successfully used in various mines throughout the country for separating pea coal from dust. They are made from very heavy steel wire cloth bolted to a heavy iron frame, making them very strong and substantial. The coarse part is generally $\frac{5}{8}$ to 1 inch and the fine part $\frac{3}{8}$ to $\frac{1}{2}$ inch.

We have also made them for gas works and coke companies for screening coke, where they have been used to great advantage in place of perforated iron.

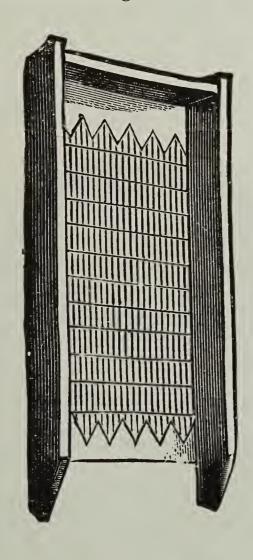
Used by sand and gravel companies for screening gravel.

The size used for dusters is $\frac{3}{8}$ to $\frac{1}{2}$ inch; pea coal, $\frac{1}{2}$ to $\frac{5}{8}$ inch; crushed coke, $\frac{1}{4}$ to $\frac{1}{2}$ inch.

Can be made any length or diameter in any mesh.

Sand Screens

Our Screens and Riddles have established a reputation for reliability and long wear. They are made of the best materials by experienced workmen and are made to stand hard usage.



No. 4 Steel Wire Sand Screens

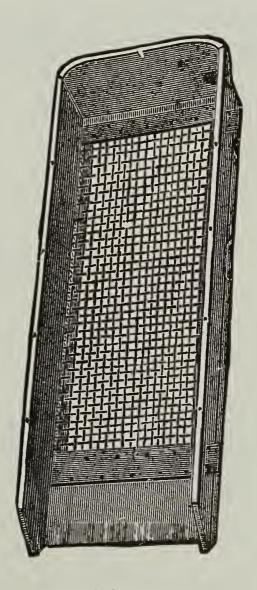
Regular $5\frac{1}{2}$ feet by 24 inches, per dozen......\$75.00 Large, 6 feet by $26\frac{1}{2}$ inches, per dozen........ 80.00

Our new process of lacing or wrapping these screens makes them the strongest and most durable screens made of this kind.

Shipping weight, 22 lbs. each.

Heavy Steel Wire Coal Screens

These Coal Screens are made of seasoned oak lumber for frame and are supplied with extra heavy wire screen bottoms. They are made to withstand hard usage.



Coal Screen

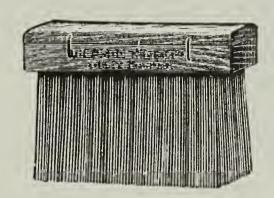
No. 6—Size, 5 feet by 30 inches, price each.....\$22.00 No. 7—Size, 6 feet by 36 inches, price each..... 27.00

State size of mesh in ordering. Unless otherwise specified, size of mesh will be openings in the clear.

STEEL CASTING BRUSHES

All our Casting and Flue Brushes are made of best Flat Steel Tempered Wire, and warranted first-class.

No. 4 Square Steel Wire Casting Brush



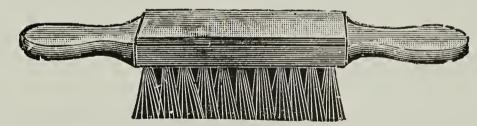
Steel wire, 4 inches long, four-row, per gross....\$75.00

No. 8 Butcher Block Brush



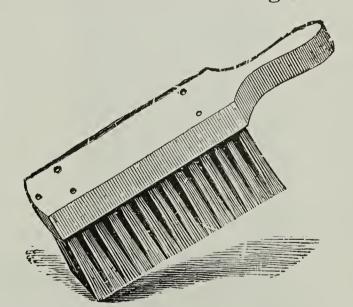
Butcher Block Brush

Double Handle



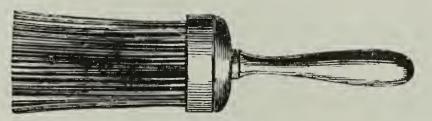
 $1\frac{1}{2}$ -inch wire, five-row, per gross.....\$90.00

No. 7 Steel Wire Gearing Brush



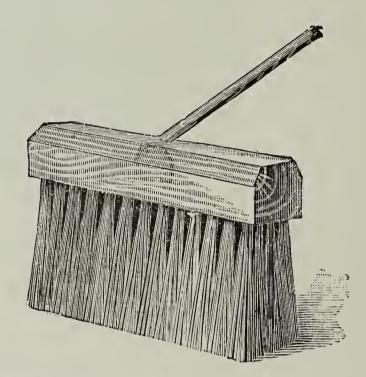
Steel wire, per gross.....\$90.00

No. 5 Round Steel Casting Brush



Steel wire, 5 inches long, per gross.....\$60.00

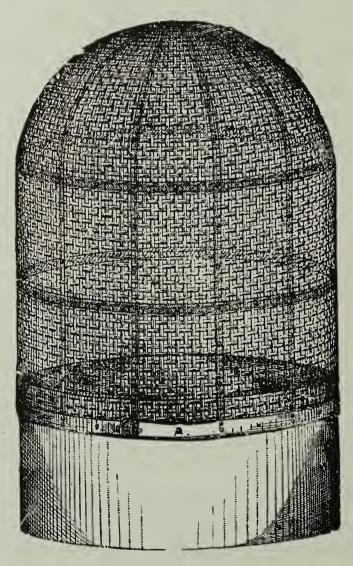
Steel Wire Stable and Street Brooms



12-inch	block,	per	dozen.	 							. 9	811	. 00)
14-inch	block,	per	dozen.									12	. 50)
16-inch	block,	per	dozen.									14	.00)

Prices do not include Handles.

No. 4 Spark Arresters



Mills, foundries and shops should protect their own, as well as adjoining property, with these spark arresters.

WIRE CLOTH

We weave all the grades of wire cloths, from the finest and lightest hardware grade, to the coarsest and heaviest coal and mining grades. Also, all the different kinds of brass, copper and galvanized cloths for any of the various purposes for which wire cloths are used.

Suggestions in Ordering Wire Cloth

GAUGE

By reference to the table showing the variation between gauges, it will be noted that such a variety of sizes exist under the same number, that there is a great liability for confusion or misunderstanding. While the Washburn & Moen Gauge, among manufacturers, is termed the "Standard" for all Steel, Galvanized, and Tinned wire cloth, and the Old English Gauge for all Brass, Copper and Bronze wire cloth, we cannot urge or recommend too strongly the use of the "Micrometer Caliper" "Ashcroft," or "Ames" Gauge to exactly determine the finer sizes.

It will readily be seen that where the diameter of a wire is given in thousandths of an inch, there is no chance for deviation on the part of the manufacturer, either in quoting or filling specifications.

For example note the wide variation in diameter in No. 10 Gauge under the different heads—or better still the proportionately more noticeable difference in No. 36 Gauge.

The WASHBURN & MOEN Gauge is designated in this catalog by the initials W. & M. and the OLD ENGLISH gauge by the initials O. E., but we also show the diameter of the wire in decimals, and as stated above would recommend using the decimals in specifying sizes of wire both on inquiries and orders.

MESH

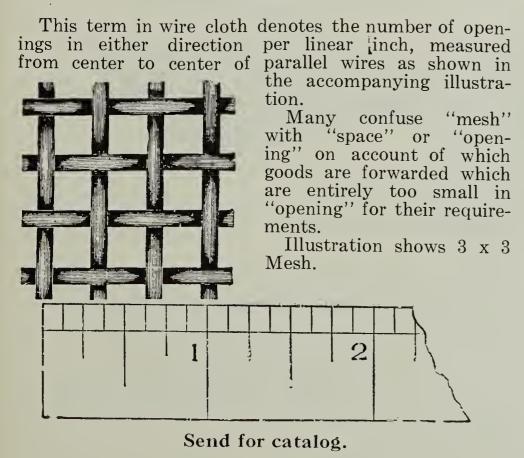


Table Showing the Difference Between Wire Gauges

	W & M Gauge	Old English Gauge	•	
	Standard for all Steel and Galvanized	Standard for all Brass and Copper	Birmingham	American o Brown &
No.	Wire Cloth	Wire Cloth	or Stubs	Sharpe
0000	393	— .454 — —	454	460
000	362	425	— .425 —	409
00	331	— .380 —	380 -	364
0	307	— .340 —	— .340 —	324
1		300	300 -	.289
2	263	281	284 -	257
3	244		259	
4	225	238	238	204
5	207		22 0 -	.181
6	192	203	 .203	162
7		180	180	.144
8		-165	 .165	128
9	148	148	148 -	.114
10	135	134	— .134 —	.101
11	120	.120	120	090
12			109 $$.080
13	092	095	095	.071
14	080	083	083	.084
15				
16	063	$\frac{-0.012}{-0.065}$	065	050
$-\frac{10}{17}$			058 -	.045
18	047	$\frac{-}{-}.049$	-0.038 -0.049 -0.049	.045
19	041	040	$\frac{.012}{042}$	035
20	.035	035	-0.035 -0.035	.033
$\frac{20}{21}$				028
21	032	- .0313 $-$.0295 $-$	-0.032 -0.028 -0.028	.028
	025		025	
23 24	023	$\frac{-0.021}{-0.025}$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$.022
		023	020	017
$\begin{array}{c} 25 \\ 26 \end{array}$	020	$\frac{-0.023}{-0.0205}$	-0.020 -0.018 -0.018	.015
		0187	016 -	
27 28		- .0167 $-$.0165 $-$	$\frac{-0.016}{-0.014}$.014
				011
2 9	015	0155 0137	-0.013 -0.012 -0.012	.011
30	014		012 010 	
31	.0135	0122 0112	-0.000 -0.000	.007
32	013			
33	011	0102 0095	008 - 007 -	.007
34				
35	0095	009 0075	-0.005 -0.004 -0.004	.005
36				
37		0065		.004
38	008			
39 40				.0038

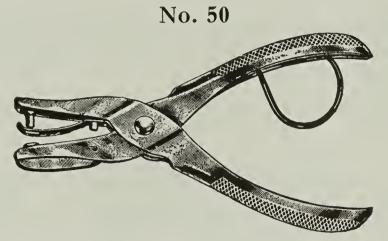
SPACE

This term indicates the actual "clear opening" or distance between parallel wires, and is the opposite

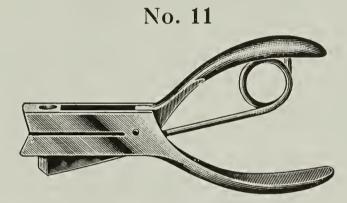
of "mesh." Reference to the illustration shows the method of measuring "space between wires."

We therefore urge that our patrons be very specific regarding this require-

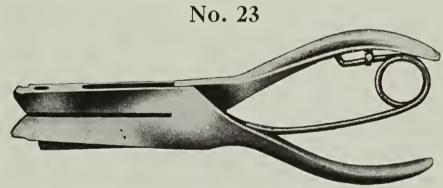
TICKET PUNCHES



Length of frame, 5 inches. Punches card 1 inch from edge. Made of pressed steel.

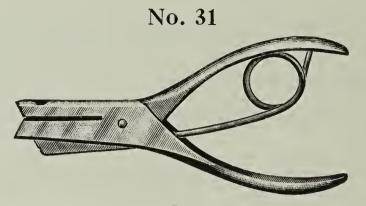


Length of frame, $4\frac{1}{2}$ inches. Punches card $\frac{7}{8}$ inch from edge. The best and most salable cheap punch made.



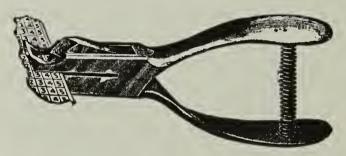
Length of frame, $6\frac{1}{2}$ inches. Punches card $2\frac{1}{8}$ inches from edge.

An extra large punch. Used where a deep slot is required.



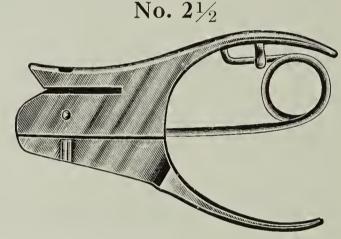
Length of frame, 41/4 inches. Punches card 3/4 inch from edge.

No. 34



Length of frame, $4\frac{1}{2}$ inches. Punches card 1 inch from edge.

One of the best punches made for punching street car transfers and other tickets, as the numbers to be punched can be plainly seen through the punch.



Length of frame, 4 inches.
Punches card 1 inch from edge.
The best and strongest punch made.

Send for Catalog No. 61, illustrating other designs and a complete list of dies.

WASTE PAPER BASKET



No. 1 — Price per dozen
Size, 12 inches high, 15 inches diameter at top, 12 inches diameter at bottom.
No. 2 — Double Wires same size as above. Price per dozen 9.00
No. 3 — Single Wire Solid Tin Plate Bottom, per dozen
Size, 18 inches high, 17 inches diameter at top, 10 inches diameter at bottom

WIRE LETTER TRAYS



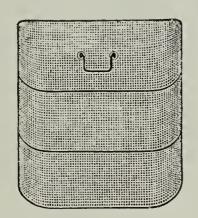
"BUILD-UP" TRAYS

Can be "built-up" to any desired number of spaces.

Price per dozen.....\$5.00

58

GRATE GUARDS

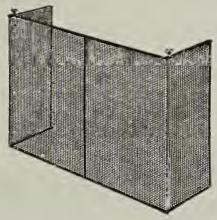


Style No. 175

Made of 6 mesh steel wire cloth and finished in black. They set on hearth without hooks.

Black	Brassine
No. 175—24"x30", doz\$	No. 183—doz\$
No. 176—30"x30", doz\$	No. 184—doz\$
No. 177—36"x30", doz., \$	No. 185—doz \$

Packed 1 dozen to a crate.

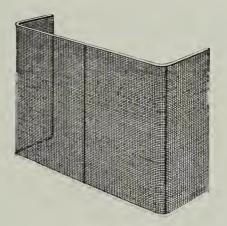


Style No. 292—3 Fold

Made of steel wire cloth, with half oval iron at top and bottom, 34 inches long and 13 inches deep.

Black	Brassine	
No. 292—24" high, doz.	\$ No. 292½—doz.	\$
No. 293—30" high, doz.	\$ No. 293 ½—doz.	\$

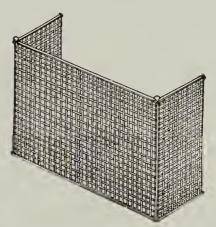
Packed $\frac{1}{2}$ dozen to a carton.



Wire Cloth
Style No. 480

Made of heavy Steel Wire Cloth with half oval Iron Top. The entire Fender is finished in Black or Brassine.

Packed 2 nests to a crate. Special sizes made to order.



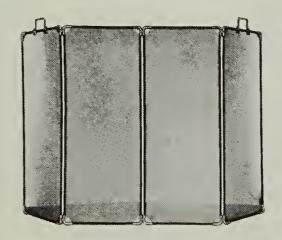
Style No. 310

Made of heavy flat grille wire, finished in black. 34 inches front, 24 inches high, 13 inches deep.

Brassine

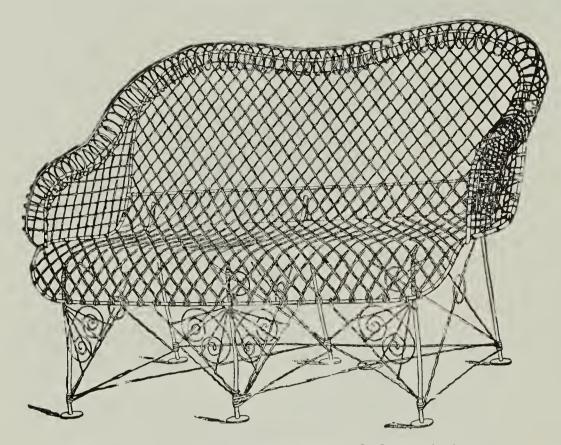
No. 310—Like cut, doz\$	No. 315—doz\$
No. 311—Lined, doz\$	No. 316—doz\$
No. 319 lined, made 30 in.	high and finished in a
rich bronze. Price, per dozen	\$

Packed ½ dozen to a carton.



Style No. 613

GALVANIZED WIRE SETTEES



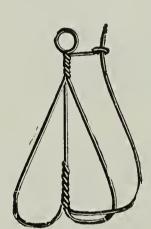
Made in two sizes—two sittings and three sittings.

These settees are galvanized after being made, which makes them absolutely rust proof. No painting required.

They are built strong and neat and will last indefinitely.

Being built entirely of wire and wrought iron, they are much lighter than the iron settees and are the ideal settee for cemeteries.

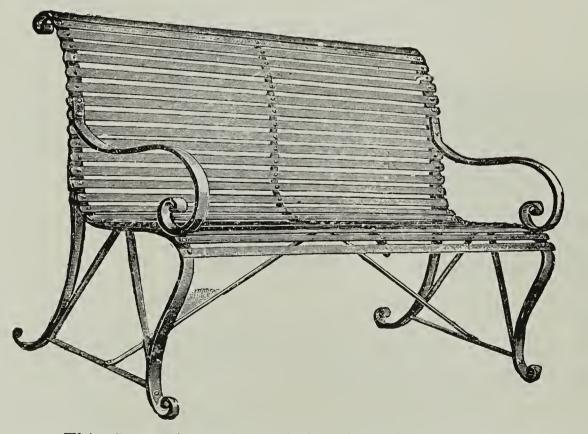
We can also attach a brass name plate with name in black sunken letters, at an additional price.



WIRE FILING HOOK

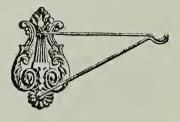
No. 6—Size, 6 in., dozen\$0.50
No. 9—Size, 7 in., dozen 1.00
No. 7—Harp pattern, iron back,
per dozen 1.50
No. 10—Stick Files, per dozen 1.00

No. 9½ STEEL SETTEE



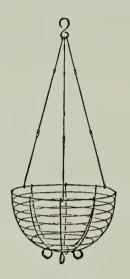
This Settee is made entirely of steel. Sizes carried in stock, 3, 4, 5 and 6-foot lengths.

BRACKETS



For Hanging Baskets, Bird Cages, etc.

HANGING BASKETS



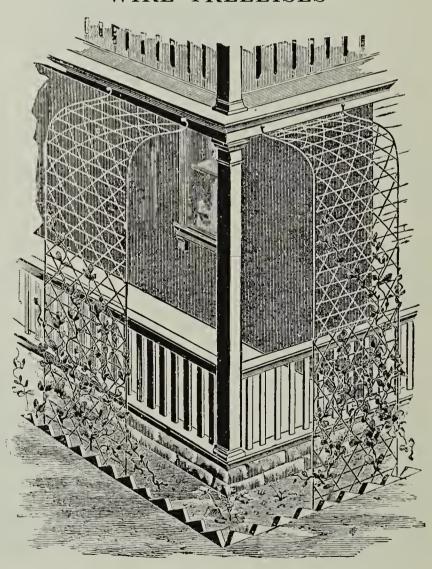
Style O

All our baskets are made of heavy wire, painted green, and are first class in every respect.

Improve and beautify the porches by using these baskets.

Made in 10, 12, 14 and 16-inch diameter.

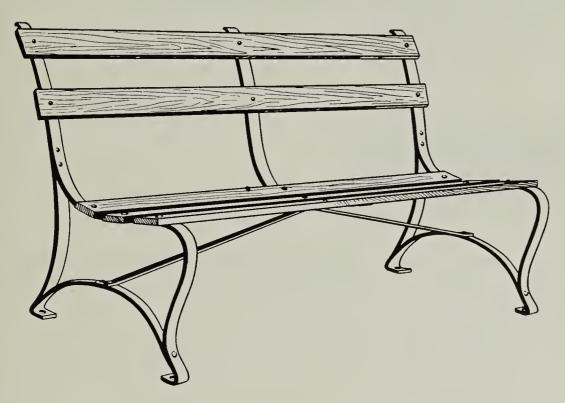
WIRE TRELLISES



Made of galvanized wire with round iron frame. Can also be made to fasten to both top and bottom of porch. Made any desired height or width and painted any color. When covered with running vines or foliage are very handsome and an ornament to any home.

Stock sizes are made 2 feet wide, to fit a porch 10 or 11 feet high.

No. 21-2 SETTEE



The legs and braces of this Settee are made of extra heavy wrought iron. The slats are made of wood. This Settee we particularly recommend for parks, playgrounds and public places, where they are subjected to rough usage. The ends of the legs are turned in, so they can be fastened to concrete or wood (if desired).

These Settees are made in 4, 5 and 6-foot lengths.

ARCH TRAINER

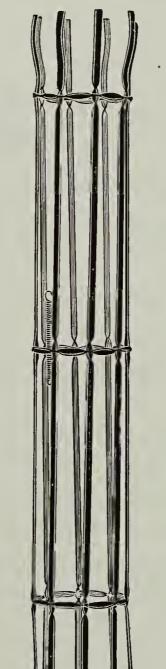
A very attractive Trainer to place

over gates, doorways or at garden

entrances. Price depends on height,

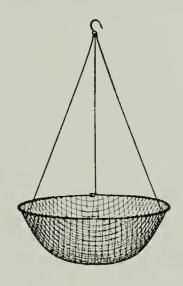
span and width of Trainer.

The Non-Breakable TREE GUARD



Made entirely of wrought iron.

HANGING BASKETS

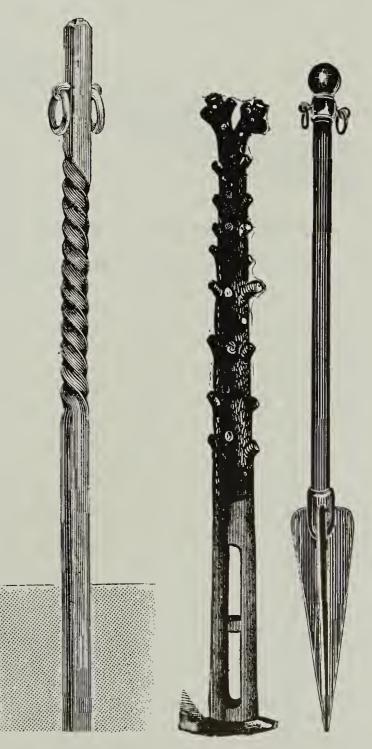


To meet an increasing demand for a larger and more substantial HANG-ING BASKET we designed the above.

These HANGING BASKETS are made of crimped wire woven into 3/4 inch mesh.

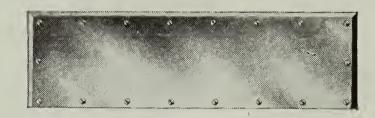
No.	23—7	X	$18\frac{1}{2}$	inches	
No.	24—6	X	15	inches	
No.	25—6	X	12	inches	
No.	26—6	X	10	inches	

IRON HITCHING POSTS



No. 7 No. 6 No. 4

GENUINE BRASS AND BRONZE KICK PLATES



Your choice of polished brass, lemon brass, dull brass, old copper, antique brass, nickeled, imitation Bower Barff, sanded antique copper or brass, polished bronze, brass oxidized, gun metal, oxidized copper, statuary bronze, or chocolate bronze.

Prices include all necessary holes and wood screws. As a rule only 3 edges are beveled.

Extras for Beveling

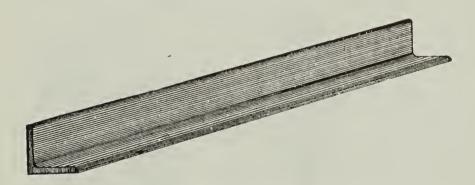
No. 16 gauge 4c per lineal ft. No. 14 gauge 5c per lineal ft. No. 12 gauge 8c per lineal ft. ½ inch thick 10c per lineal ft.

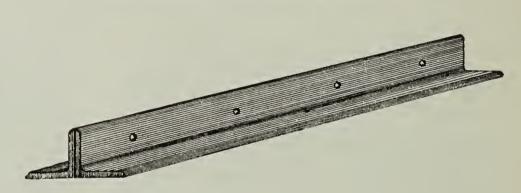
Brown and Sharpe Gauges

No. 16—.051 inch, or about 1/20 of an inch.
No. 14—.064 inch, or about $1/16$ of an inch.
No. 12—.081 inch, or about $1/12$ of an inch.
No. 10 —. 102 inch, or about $1/10$ of an inch.
No. 8—128 inch, or about ½ of an inch.

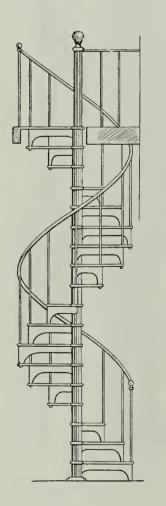
SINGLE ANGLE LINTEL

DOUBLE ANGLE LINTEL





Angles, Beams and Channels cut, punched and riveted. Steel and Iron Columns, Shoes and Bearing Plates, Safety Treads.



SPIRAL IRON STAIRS

Made in any diameter over 4 ft. Furnished with any kind of railing or balustrades desired.

All stairs fitted together and erected in our shops, and every part is then numbered so that any mechanic can easily erect at the building.

When making inquiries, give height from floor to floor, also diameter of stairs.

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THE FRED J. MEYERS MERC. CO. HAMILTON, OHIO.

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